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FILE COVERS 1907 - 24 Jun 2004  VOL 140 ISS 26
FILE LAST UPDATED: 23 Jun 2004  (20040623/ED)

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> d l100 bib abs hitstr retable

L100 ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2004 ACS on STN
AN   2002:241344  HCAPLUS
DN   136:279199
TI   Preparation of phenolic and thiophenolic ethers and their derivs. as
     cytosolic phospholipase A2 inhibitors
IN   Banville, Jacques; Remillard, Roger;
     Balasubramanian, Neelakantan; Bouthillier, Gilles;
     Martel, Alain
PA   Can.
SO   U.S. Pat. Appl. Publ., 71 pp.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   US 2002037875      A1    20020328       US 2001-848694   20010503 <--
PRAI US 2000-203741P    P     20000511  <--
OS   MARPAT 136:279199
GI
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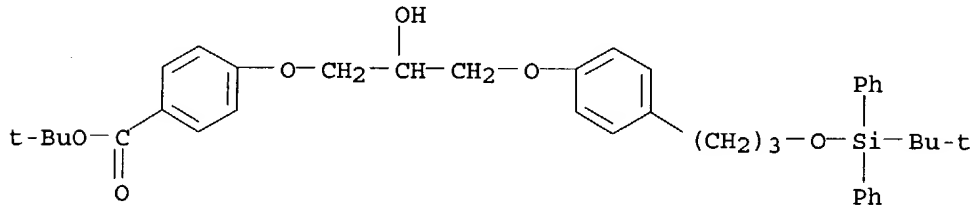
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I (X = O, S(O)n, (un)substituted amine, amide or -CH2- with provision when X = -CH2-, R1 and R2 = halo; n = 0-2; X1 = H, CF3, OCF3, halo, (un)substituted alkyl, alkenyl, alkynyl or cycloalkyl; Z = OR6, S(O)nR6, NR6R7 or CHR6R7; R1 and R2 = H, halo, (un)substituted alkoxy, cycloalkyloxy, alkyl, etc.; Ra and Rb may together form oxo group or independently = H, OH, NH2, N3, F, etc.; R3, R4 and R5 independently = H, halo, (un)substituted alkoxy, alkenyloxy, alkyl, alkenyl, etc.; R6 and R7 independently = H, (un)substituted alkyl, alkenyl, alkynyl, aryl, silyl, etc.) are prepared and disclosed as **phospholipase** inhibitors. Thus, II was prepared in six steps from 1,2-epoxy-3-[4-(tert-butoxycarbonyl)phenoxy]propane and 3-(4-hydroxyphenyl)-1-(tert-

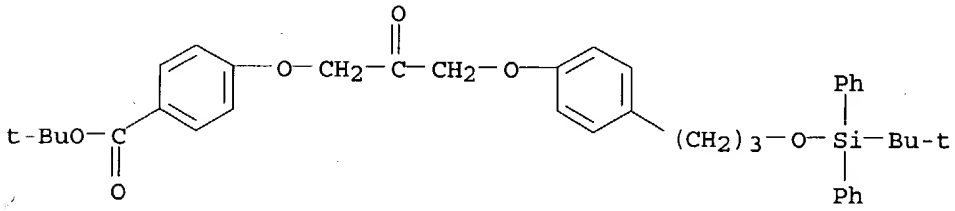
butyldiphenylsilyloxy)propane with the final step prior to hydrolysis of a protected intermediate ester being substitution of 3-[4-(3-methanesulfonyloxypropyl)phenoxy]-1-[4-(tert-butoxycarbonyl)phenoxy]-2-propanone with N-methyl-2-bis-(4-chlorophenyl)ethylamine. As inhibitors of the cytosolic **phospholipase** A2 enzymes, I are useful in controlling a wide variety of inflammatory diseases (no data).

IT **405553-46-0P 405553-47-1P 405553-48-2P**
405553-49-3P 405553-50-6P 405553-53-9P
405553-54-0P 405553-55-1P 405553-56-2P
405553-57-3P 405553-60-8P 405553-61-9P
405553-62-0P 405553-63-1P 405553-64-2P
405553-68-6P 405553-69-7P 405553-70-0P
405553-71-1P 405553-72-2P 405553-73-3P
405553-74-4P 405553-75-5P 405553-76-6P
405553-77-7P 405553-78-8P 405553-79-9P
405553-87-9P 405553-92-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of phenolic and thiophenolic ethers and their derivs. as cytosolic **phospholipase** A2 inhibitors)

RN 405553-46-0 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-hydroxypropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-47-1 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-oxopropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



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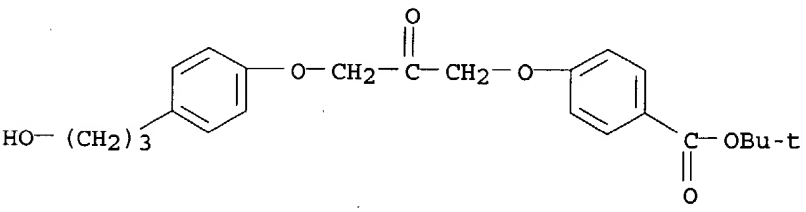

RN 405553-49-3 HCAPLUS

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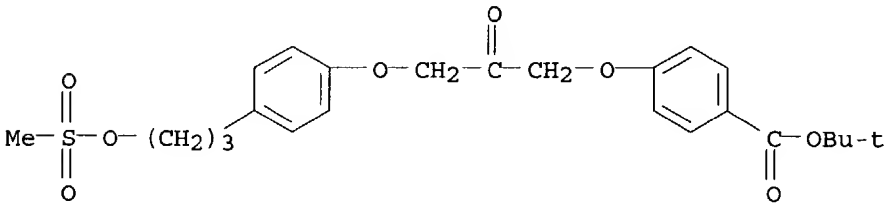

RN 405553-50-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxopropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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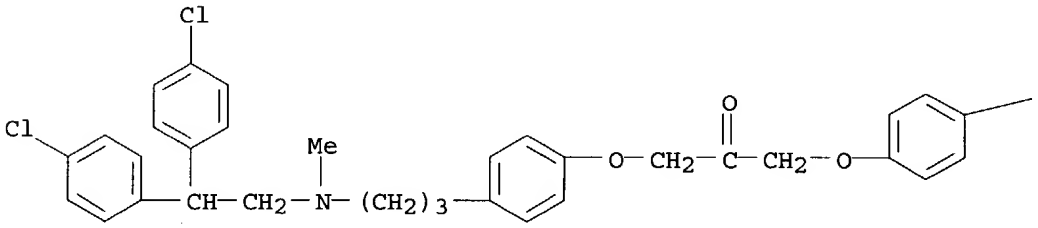

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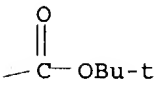
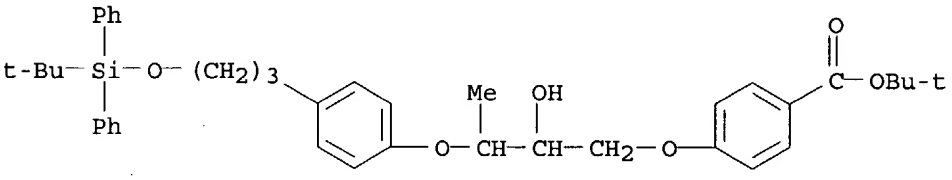
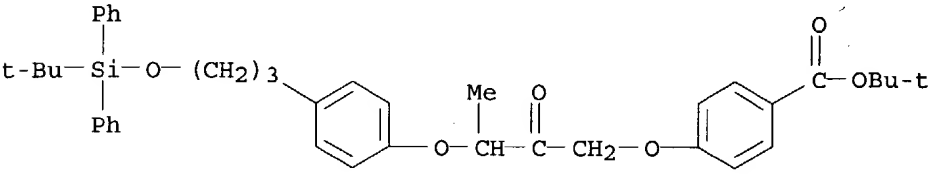


RN 405553-53-9 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-hydroxybutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-54-0 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-oxobutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-55-1 HCAPLUS
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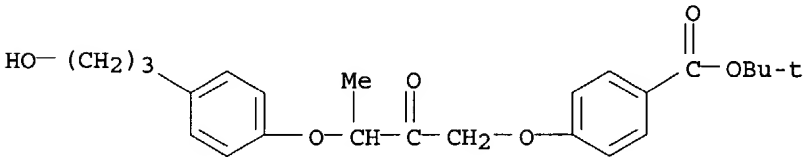

RN 405553-56-2 HCAPLUS
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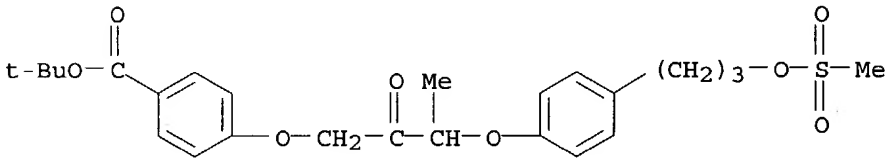

RN 405553-57-3 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxobutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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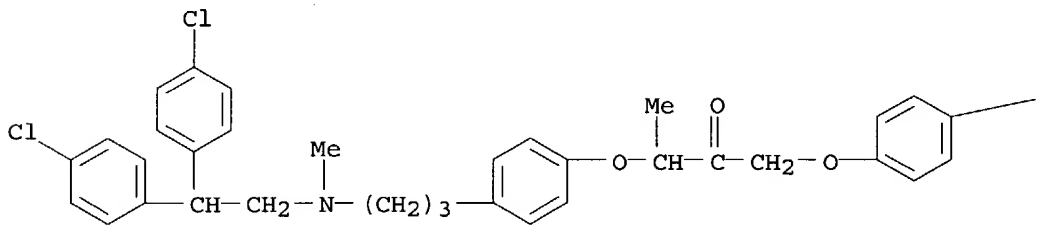

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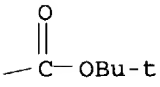
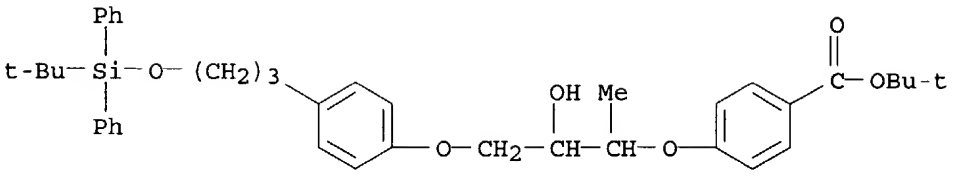
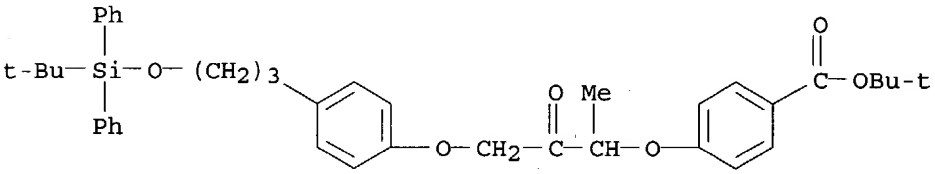


RN 405553-60-8 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-hydroxy-1-methylpropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-61-9 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-1-methyl-2-oxopropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-62-0 HCAPLUS
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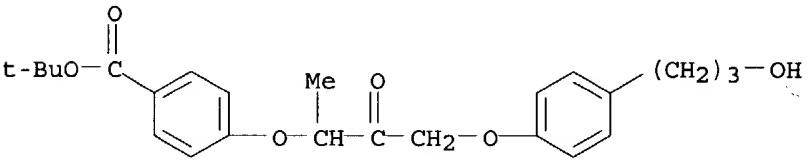
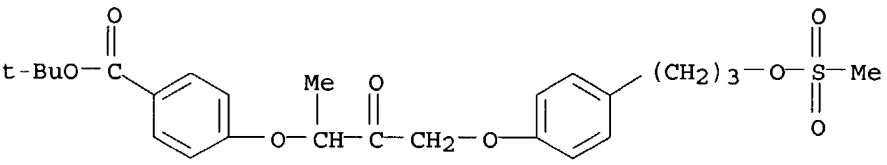


RN 405553-63-1 HCAPLUS
CN Benzoic acid, 4-[1-methyl-3-[4-[3-[(methylsulfonyl)oxy]propyl]phenoxy]-2-oxopropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-64-2 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-1-methyl-2-oxopropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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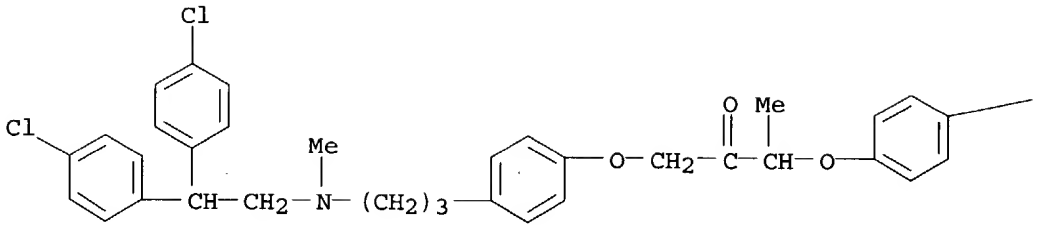

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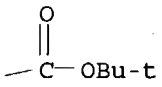
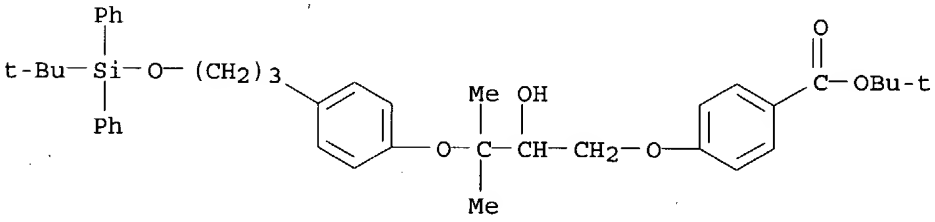
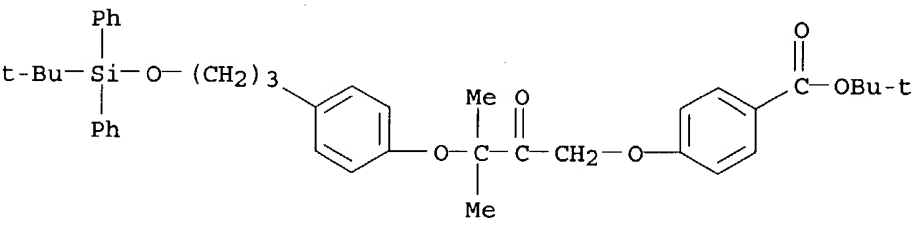


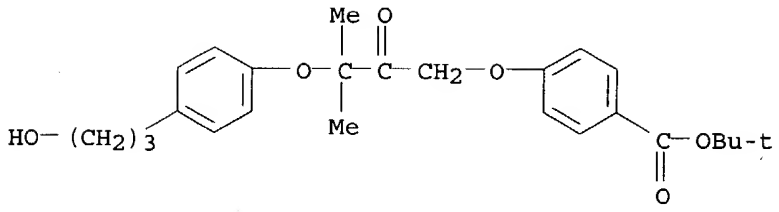
RN 405553-68-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-hydroxy-3-methylbutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



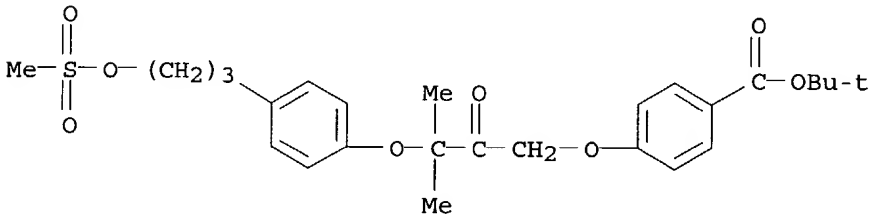
RN 405553-69-7 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-3-methyl-2-oxobutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-70-0 HCAPLUS
CN Benzoic acid, 4-[3-[4-(3-hydroxypropyl)phenoxy]-3-methyl-2-oxobutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-71-1 HCAPLUS
CN Benzoic acid, 4-[3-methyl-3-[4-[3-[(methylsulfonyl)oxy]propyl]phenoxy]-2-oxobutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 405553-72-2 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methyl-2-oxobutoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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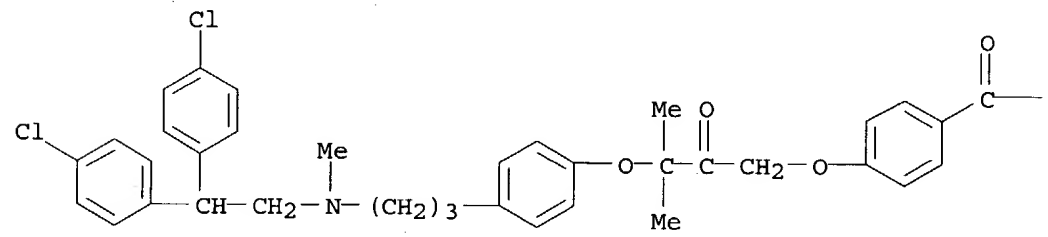

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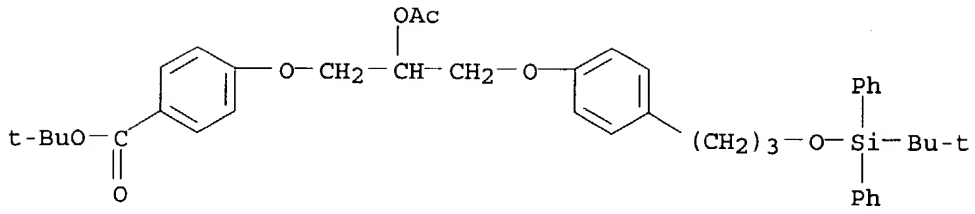
—OBu-t

RN 405553-73-3 HCAPLUS
CN Benzoic acid, 4-[2-(acetyloxy)-3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]propoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



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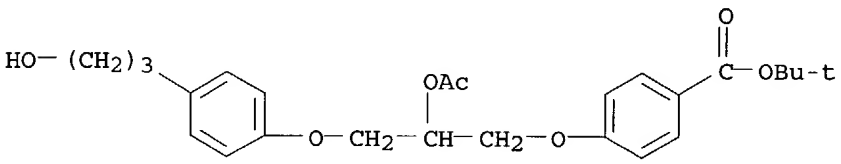

RN 405553-75-5 HCAPLUS
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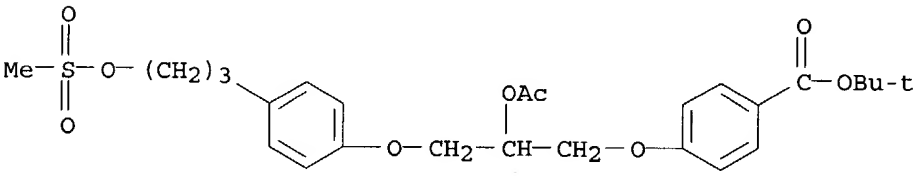

RN 405553-76-6 HCAPLUS
CN Benzoic acid, 4-[2-[[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]methyl]-3-methoxy-3-oxopropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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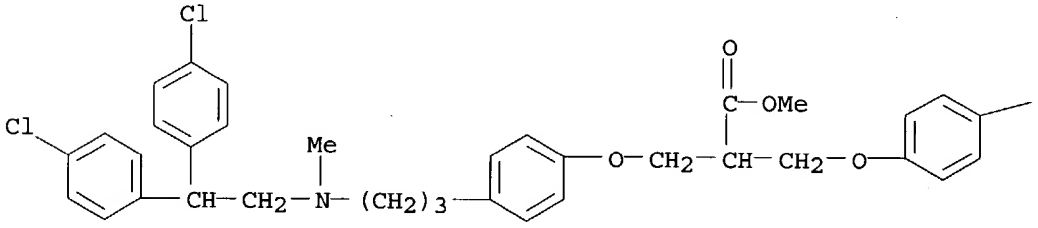

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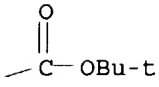

RN 405553-77-7 HCAPLUS

CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-hydroxypropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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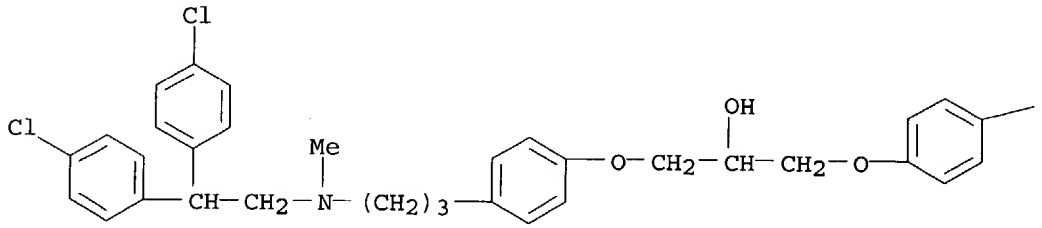

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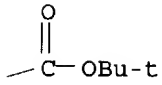

RN 405553-78-8 HCAPLUS

CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-(2,2-dimethyl-1-oxopropoxy)propoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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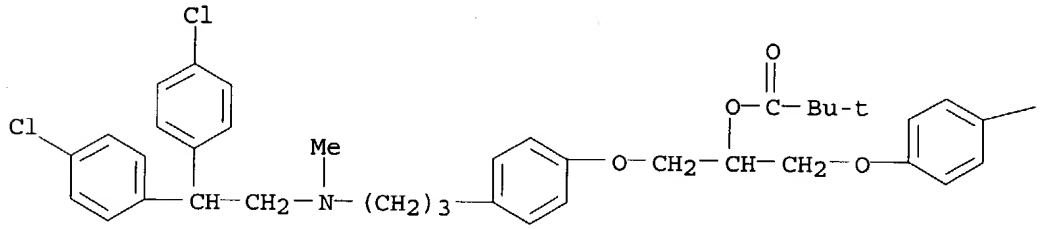

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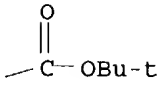

RN 405553-79-9 HCAPLUS

CN Benzoic acid, 4-[2-azido-3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamin o]propyl]phenoxy]propoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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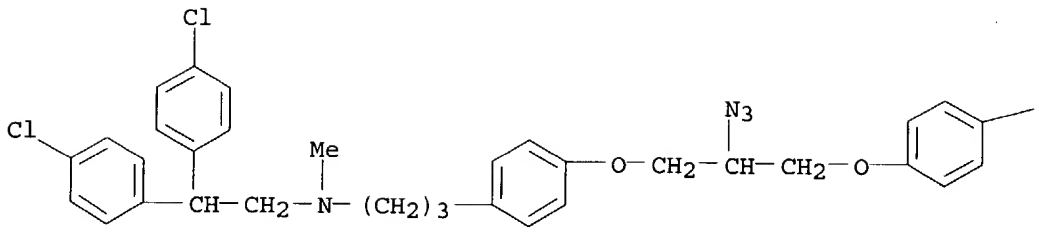

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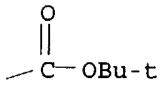

RN 405553-87-9 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-[(1,2-dioxopropyl)amino]propoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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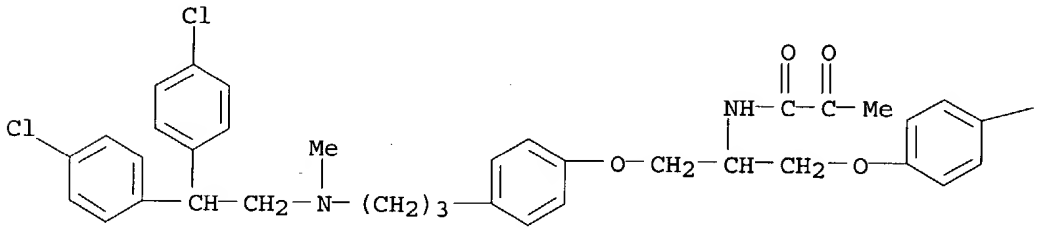

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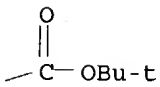
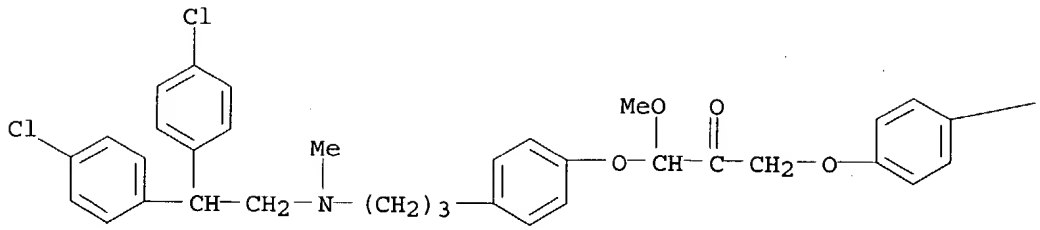
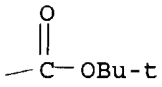


RN 405553-92-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methoxy-2-oxopropoxy]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



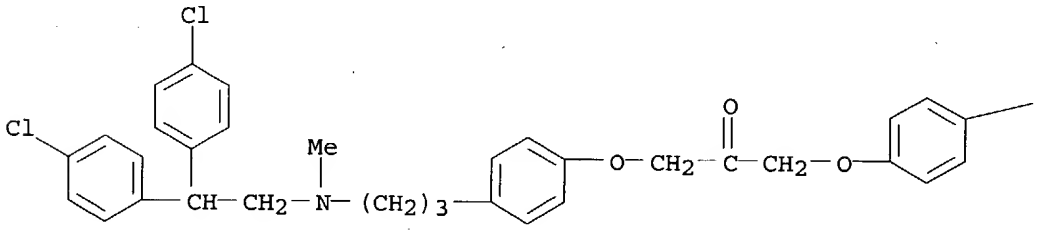
PAGE 1-B



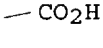
IT **405552-77-4P 405552-79-6P 405552-83-2P**
405552-87-6P 405552-92-3P 405552-95-6P
405552-98-9P 405553-00-6P 405553-02-8P
405553-04-0P 405553-07-3P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(target compound; preparation of phenolic and thiophenolic ethers and their derivs. as cytosolic **phospholipase** A2 inhibitors)

RN 405552-77-4 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxopropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

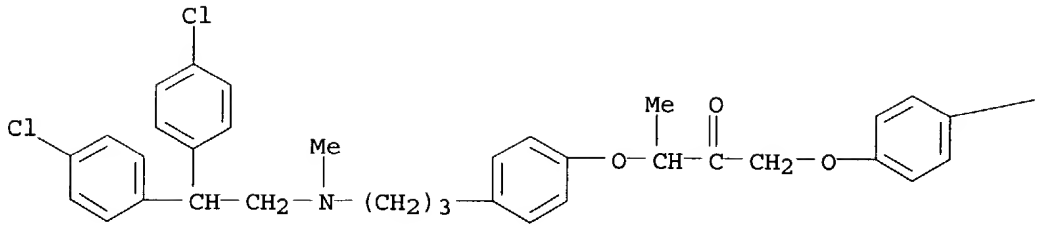


PAGE 1-B

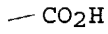


RN 405552-79-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxobutoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

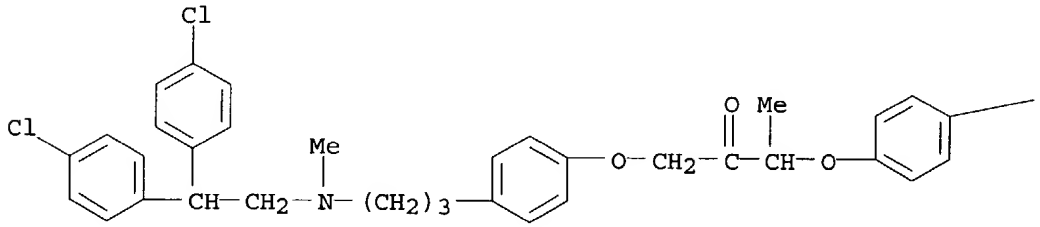


PAGE 1-B

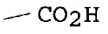


RN 405552-83-2 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-1-methyl-2-oxopropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

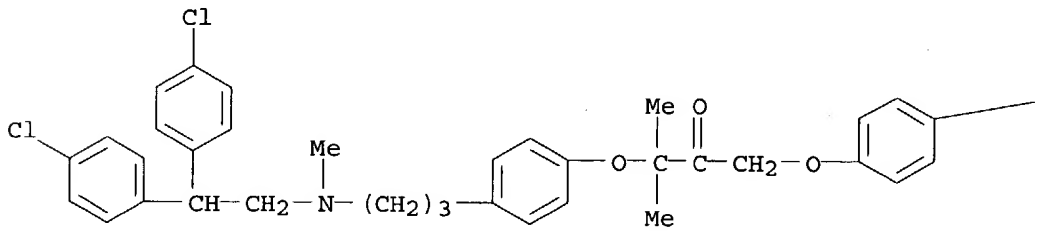


PAGE 1-B



RN 405552-87-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methyl-2-oxobutoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

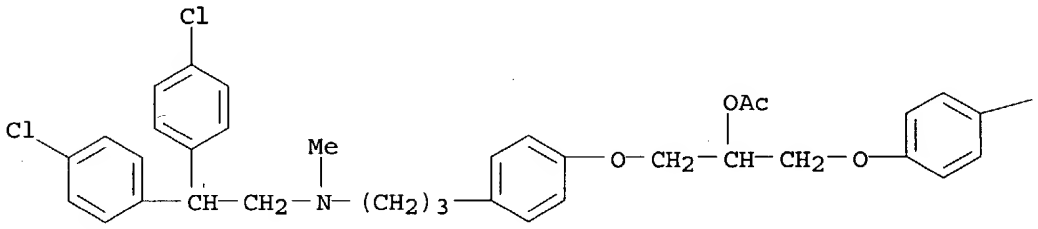


PAGE 1-B

—CO_2H

RN 405552-92-3 HCAPLUS
CN Benzoic acid, 4-[2-(acetyloxy)-3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]propoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

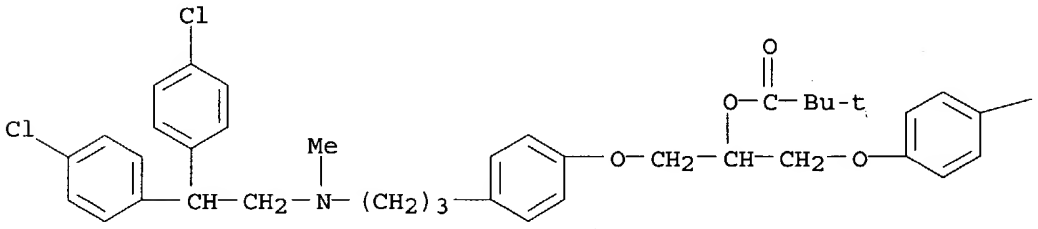


PAGE 1-B

—CO_2H

RN 405552-95-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-(2,2-dimethyl-1-oxopropoxy)propoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

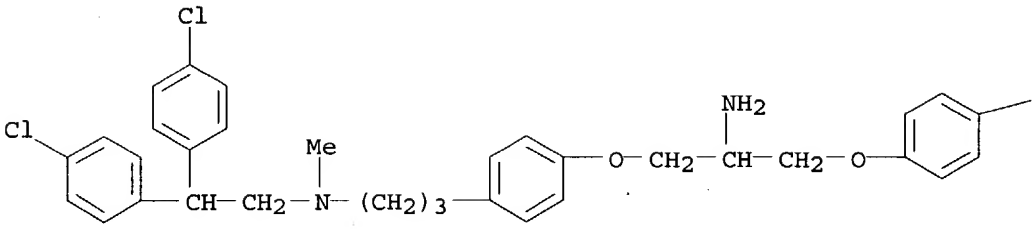


PAGE 1-B

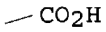
—CO_2H

RN 405552-98-9 HCAPLUS
CN Benzoic acid, 4-[2-amino-3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]propoxy]- (9CI) (CA INDEX NAME)

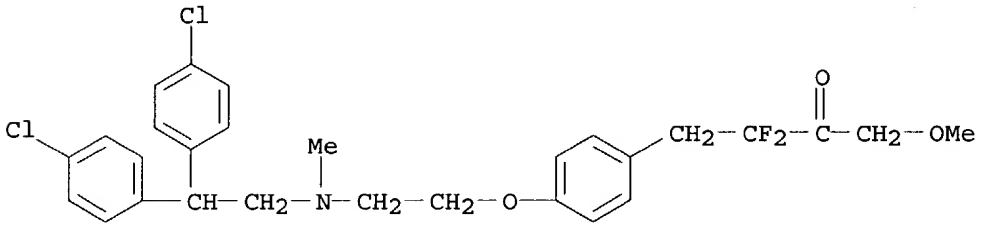
PAGE 1-A



PAGE 1-B

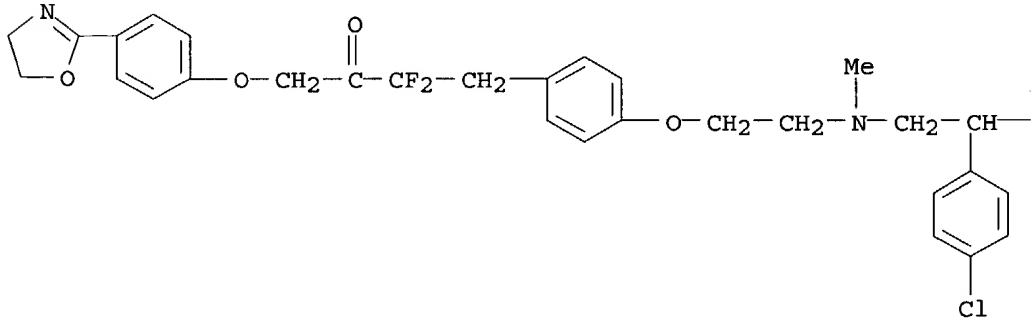


RN 405553-00-6 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro-1-methoxy- (9CI) (CA INDEX NAME)

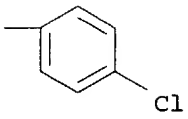


RN 405553-02-8 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-1-[4-(4,5-dihydro-2-oxazolyl)phenoxy]-3,3-difluoro- (9CI) (CA INDEX NAME)

PAGE 1-A

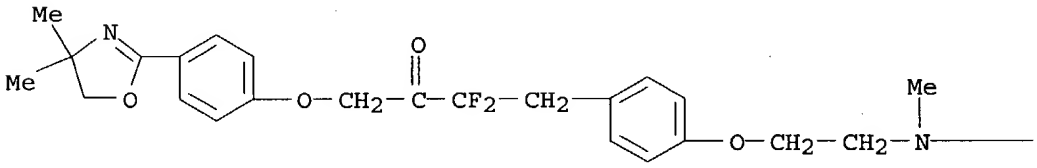


PAGE 1-B

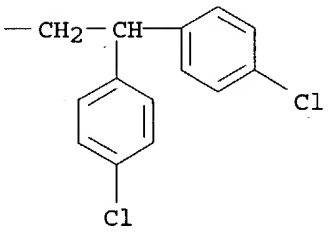


RN 405553-04-0 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-1-[4-(4,5-dihydro-4,4-dimethyl-2-oxazolyl)phenoxy]-3,3-difluoro- (9CI) (CA INDEX NAME)

PAGE 1-A

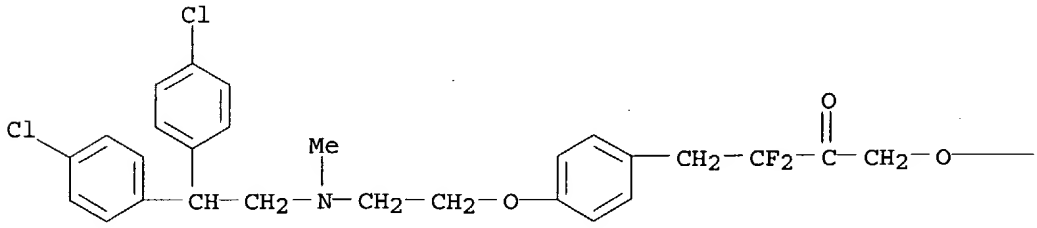


PAGE 1-B

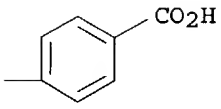


RN 405553-07-3 HCAPLUS
CN Benzoic acid, 4-[4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro-2-oxobutoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

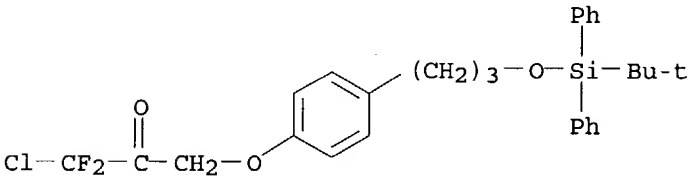


PAGE 1-B



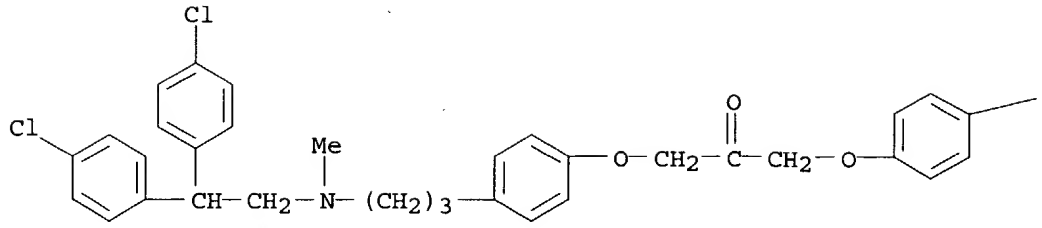
IT **405552-74-1P 405552-78-5P 405552-80-9P**
405552-90-1P 405552-93-4P 405552-97-8P
405552-99-0P 405553-01-7P 405553-05-1P
405553-06-2P 405553-09-5P 405553-11-9P
405553-12-0P 405553-13-1P 405553-14-2P
405553-15-3P 405553-17-5P 405553-19-7P
405553-20-0P 405553-21-1P 405553-22-2P
405553-23-3P 405553-24-4P 405553-25-5P
405553-26-6P 405553-27-7P 405553-28-8P
405553-29-9P 405553-31-3P 405553-32-4P
405553-33-5P 405553-34-6P 405553-35-7P
405553-36-8P 405553-37-9P 405553-38-0P
405553-39-1P 405553-40-4P 405553-41-5P
405553-42-6P 405553-43-7P 405553-44-8P
405553-45-9P 405554-14-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(target compound; preparation of phenolic and thiophenolic ethers and their derivs. as cytosolic **phospholipase** A2 inhibitors)

RN 405552-74-1 HCAPLUS
CN 2-Propanone, 1-chloro-3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-1,1-difluoro- (9CI) (CA INDEX NAME)



RN 405552-78-5 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxopropoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



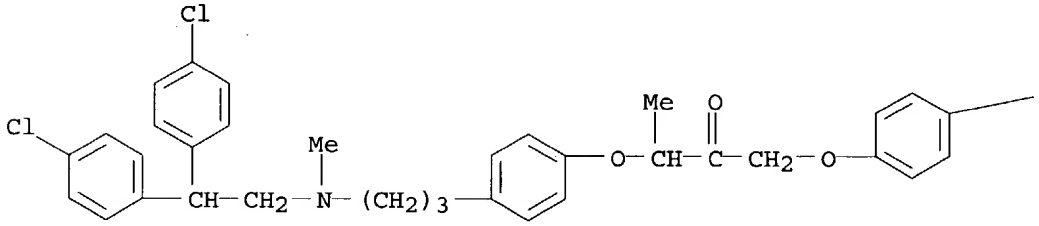
● HCl

PAGE 1-B

— CO_2H

RN 405552-80-9 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxobutoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



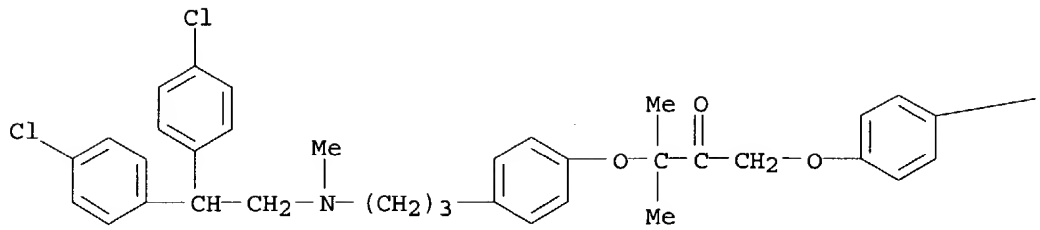
● HCl

PAGE 1-B

— CO_2H

RN 405552-90-1 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methyl-2-oxobutoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



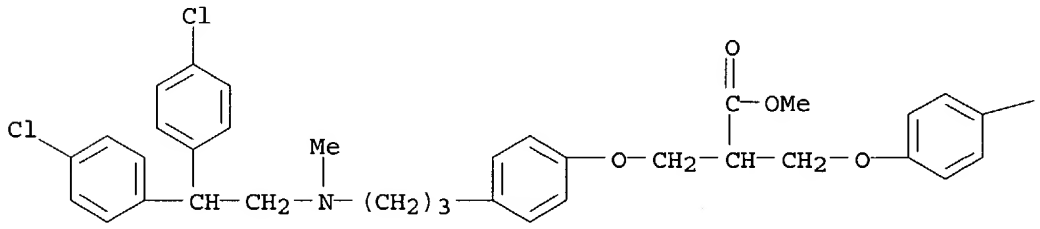
● HCl

PAGE 1-B

— CO_2H

RN 405552-93-4 HCAPLUS
CN Benzoic acid, 4-[2-[[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]methyl]-3-methoxy-3-oxopropoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



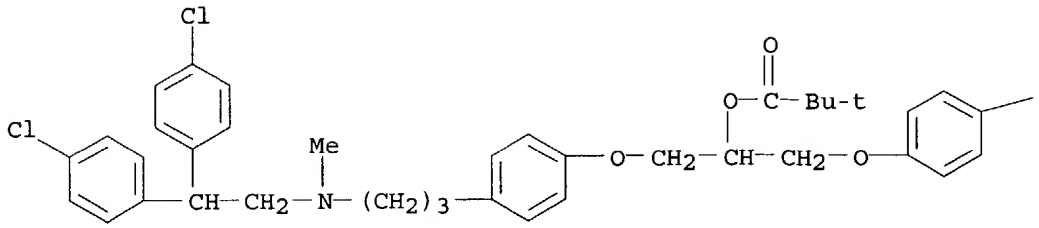
● HCl

PAGE 1-B

— CO_2H

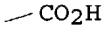
RN 405552-97-8 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-(2,2-dimethyl-1-oxopropoxy)propoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



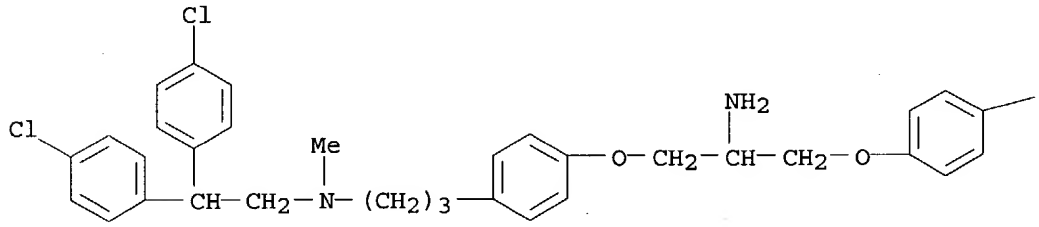
● HCl

PAGE 1-B



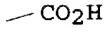
RN 405552-99-0 HCAPLUS
CN Benzoic acid, 4-[2-amino-3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]propoxy]-, dihydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A

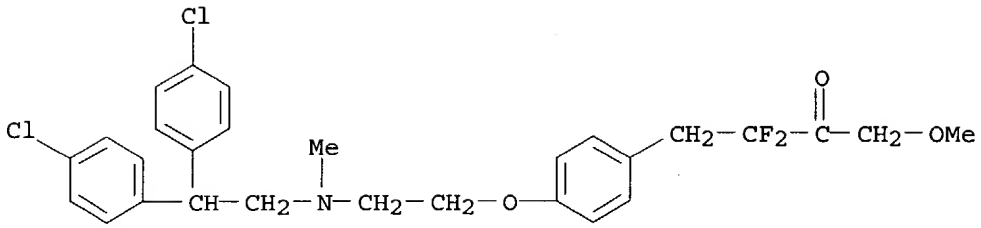


●2 HCl

PAGE 1-B



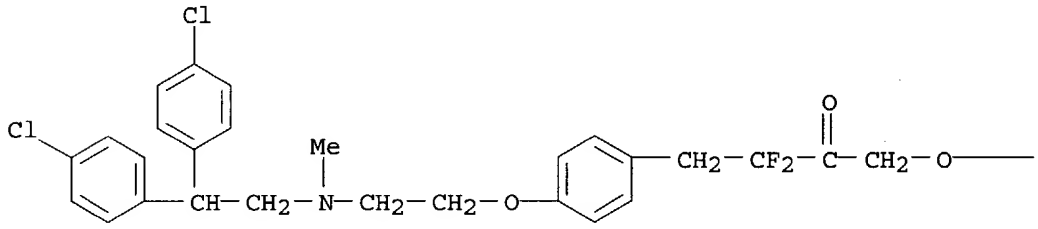
RN 405553-01-7 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro-1-methoxy-, hydrochloride (9CI) (CA INDEX NAME)



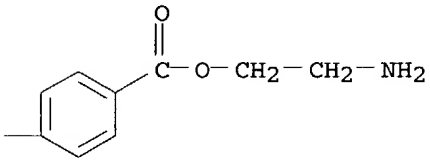
● HCl

RN 405553-05-1 HCAPLUS
CN Benzoic acid, 4-[4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro-2-oxobutoxy]-, 2-aminoethyl ester (9CI) (CA INDEX NAME)

PAGE 1-A

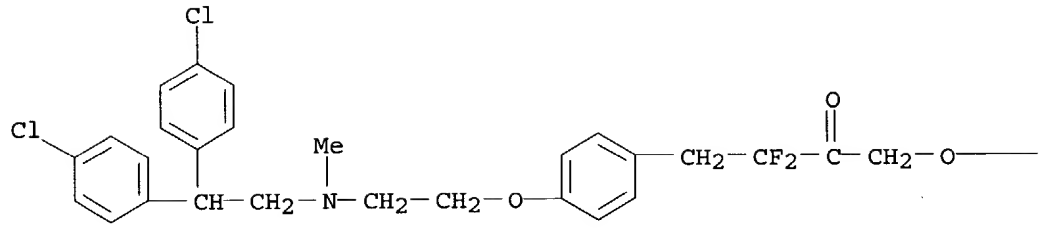


PAGE 1-B



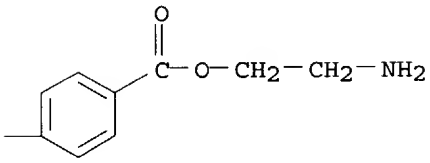
RN 405553-06-2 HCAPLUS
CN Benzoic acid, 4-[4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro-2-oxobutoxy]-, 2-aminoethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



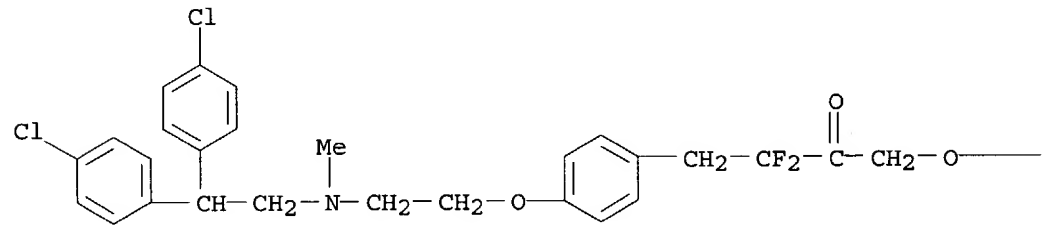
●2 HCl

PAGE 1-B



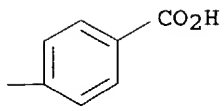
RN 405553-09-5 HCAPLUS
CN Benzoic acid, 4-[4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro-2-oxobutoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



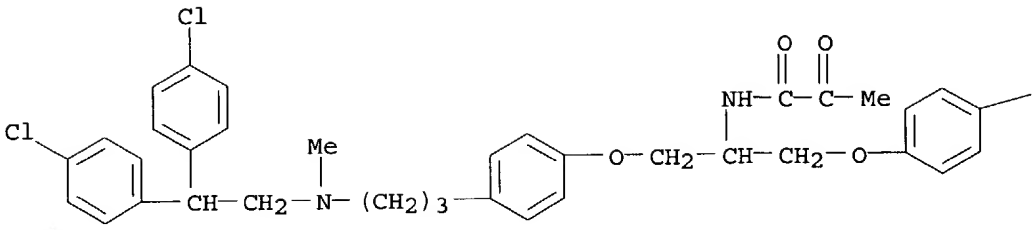
● HCl

PAGE 1-B

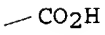


RN 405553-11-9 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-[(1,2-dioxopropyl)amino]propoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

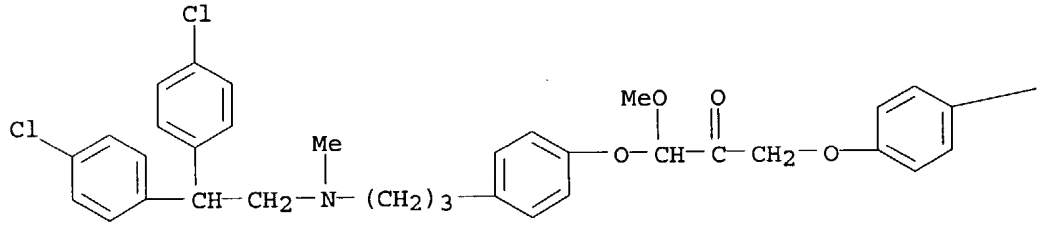


PAGE 1-B



RN 405553-12-0 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methoxy-2-oxopropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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RN 405553-13-1 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methoxy-2-oxopropoxy]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 405553-12-0
CMF C35 H35 Cl2 N O6

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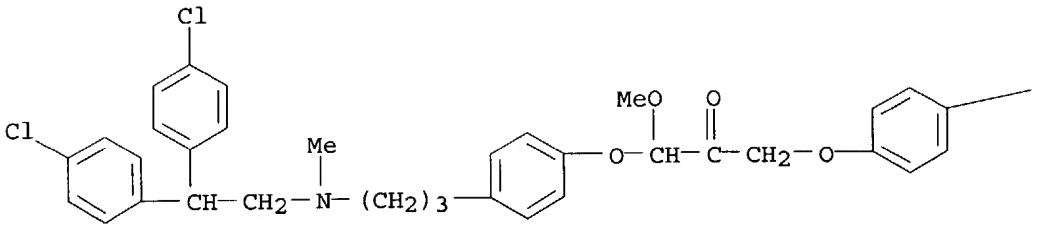
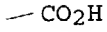
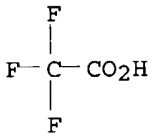


PAGE 1-B



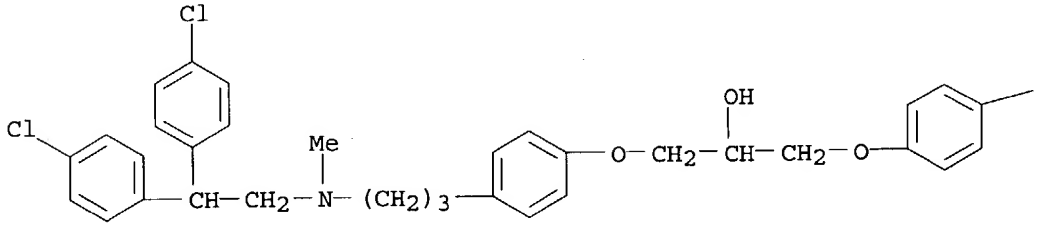
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 405553-14-2 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-hydroxypropoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



● HCl

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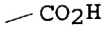
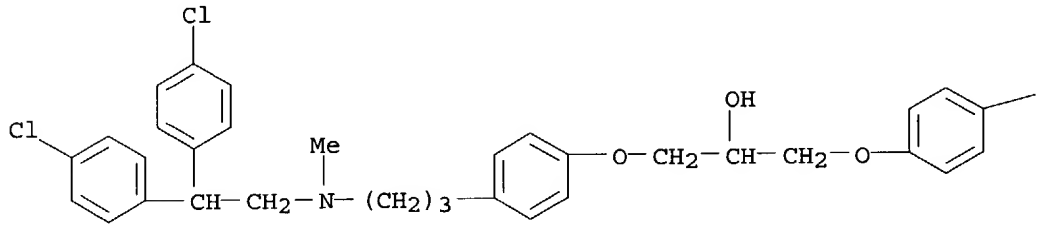


RN 405553-15-3 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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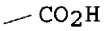
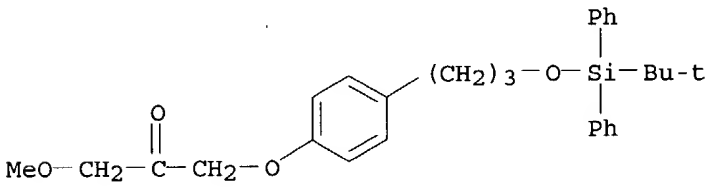
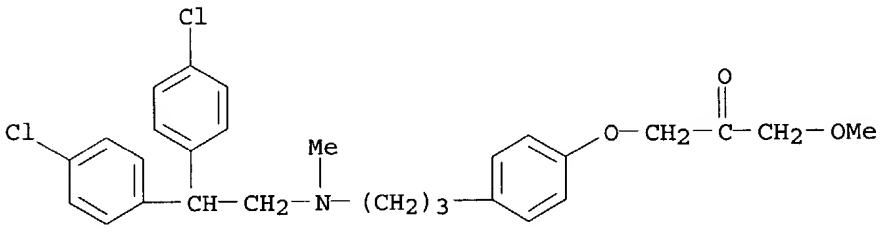


RN 405553-17-5 HCAPLUS
CN 2-Propanone, 1-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-3-methoxy- (9CI) (CA INDEX NAME)

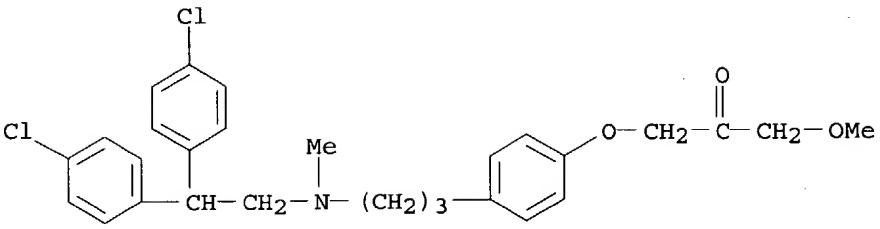


RN 405553-19-7 HCAPLUS
CN 2-Propanone, 1-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methoxy-, hydrochloride (9CI) (CA INDEX NAME)

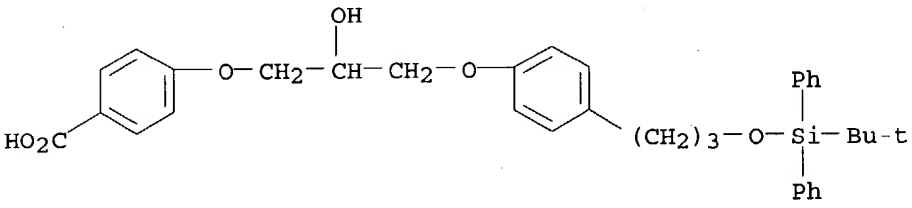


● HCl

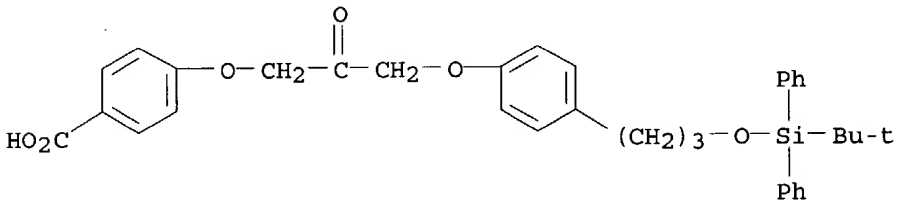
RN 405553-20-0 HCAPLUS
CN 2-Propanone, 1-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-methoxy- (9CI) (CA INDEX NAME)



RN 405553-21-1 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)

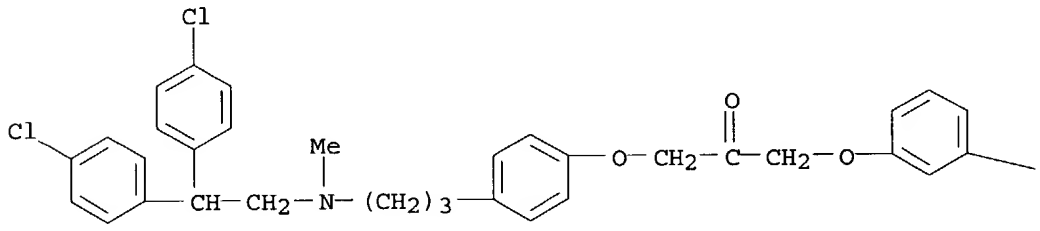


RN 405553-22-2 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[(1,1-dimethylethyl)diphenylsilyl]oxy]propyl]phenoxy]-2-oxopropoxy]- (9CI) (CA INDEX NAME)



RN 405553-23-3 HCAPLUS
CN Benzoic acid, 3-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxopropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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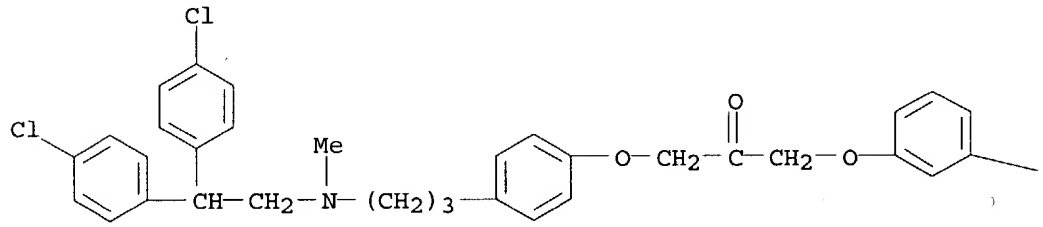
RN 405553-24-4 HCAPLUS
CN Benzoic acid, 3-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxopropoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



● HCl

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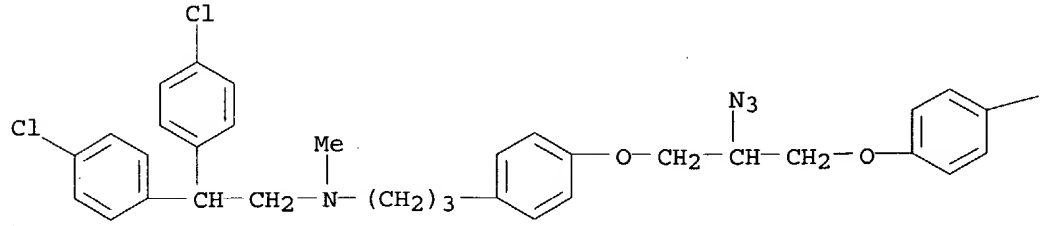
RN 405553-25-5 HCAPLUS
CN Benzoic acid, 4-[2-azido-3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]propoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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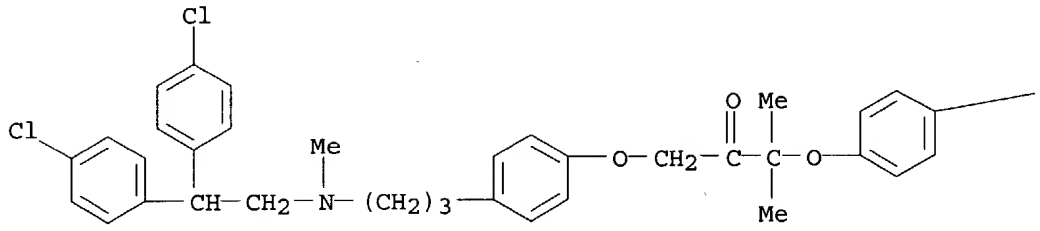
RN 405553-26-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-1,1-dimethyl-2-oxopropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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RN 405553-27-7 HCAPLUS
CN Benzoic acid, 3-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)

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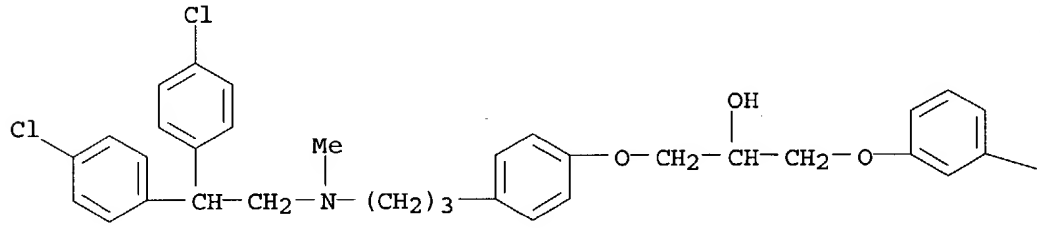
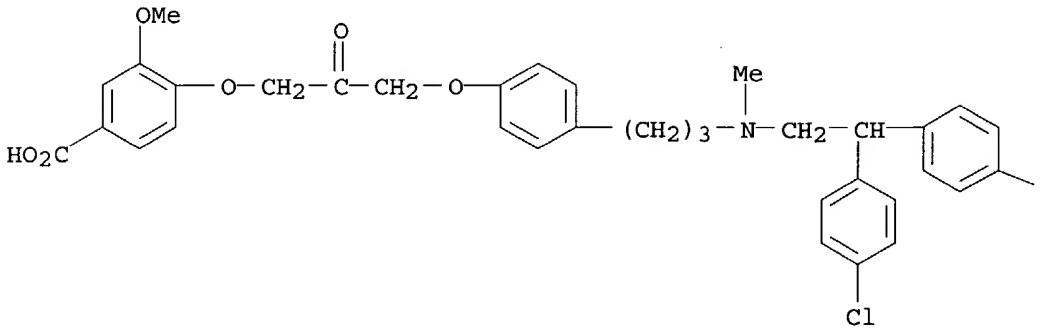


PAGE 1-B

RN 405553-28-8 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl

]phenoxy]-2-oxopropoxy]-3-methoxy- (9CI) (CA INDEX NAME)

PAGE 1-A



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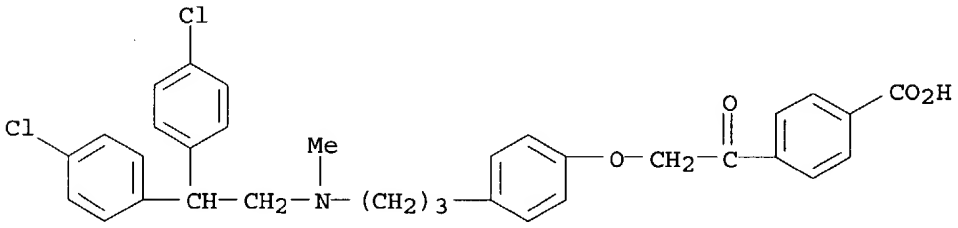
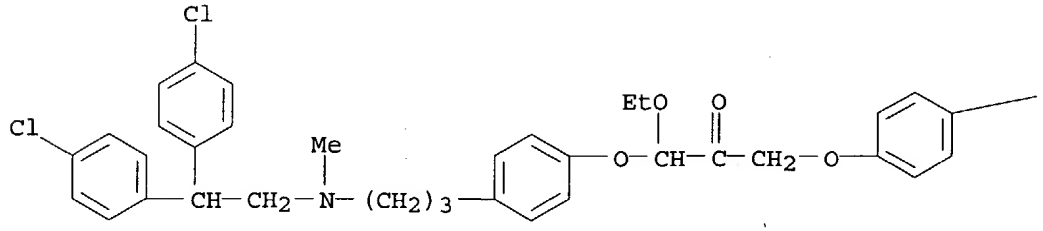
Cl

RN 405553-29-9 HCAPLUS
CN Benzoic acid, 4-[[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]acetyl]- (9CI) (CA INDEX NAME)



RN 405553-31-3 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-ethoxy-2-oxopropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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—CO_2H

RN 405553-32-4 HCAPLUS
CN Benzoic acid, 4-[3-[[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenyl]sulfonyl]-2-oxopropoxy]- (9CI) (CA INDEX NAME)

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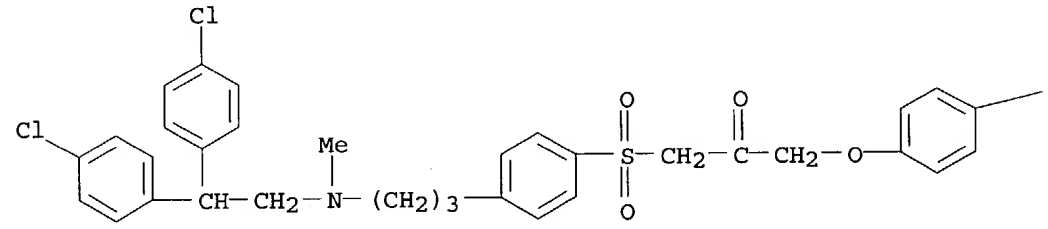

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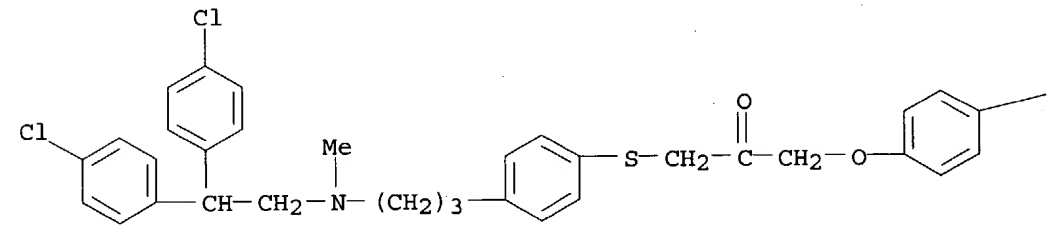
—CO_2H

RN 405553-33-5 HCAPLUS
CN Benzoic acid, 4-[3-[[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenyl]thio]-2-oxopropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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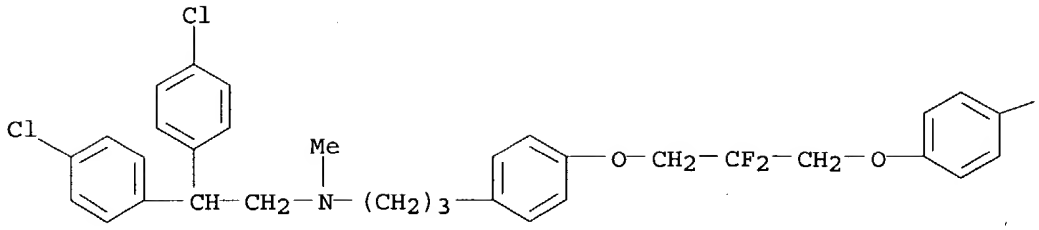
—CO_2H

RN 405553-34-6 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2,2-difluoropropoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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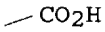
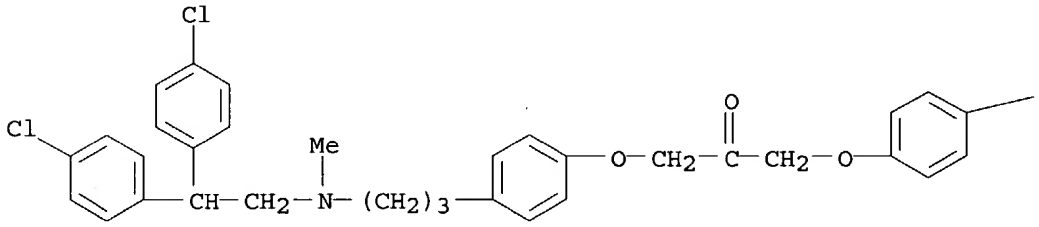


RN 405553-35-7 HCAPLUS
CN Benzamide, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2-oxopropoxy]-N-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



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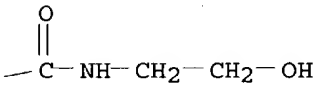

RN 405553-36-8 HCAPLUS
CN 2-Propanone, 1-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-3-[4-(4,5-dihydro-2-oxazolyl)phenoxy]- (9CI) (CA INDEX NAME)

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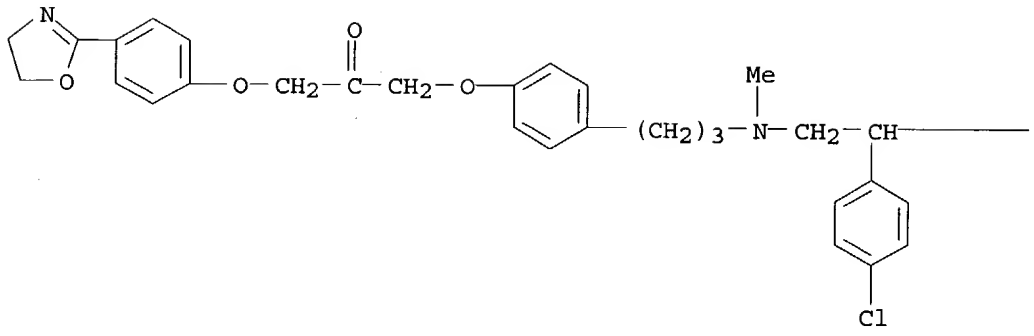

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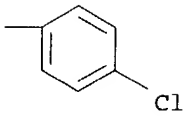

RN 405553-37-9 HCAPLUS
CN Benzoic acid, 4-[3-[[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]benzoyl]methylamino]-2-oxopropoxy]- (9CI) (CA INDEX NAME)

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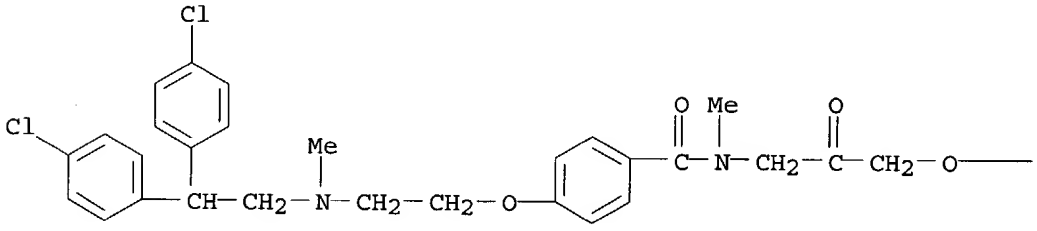

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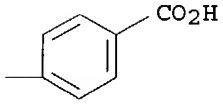

RN 405553-38-0 HCAPLUS
CN Benzoic acid, 4-[4-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-2,2-difluoro-3-oxobutyl]- (9CI) (CA INDEX NAME)

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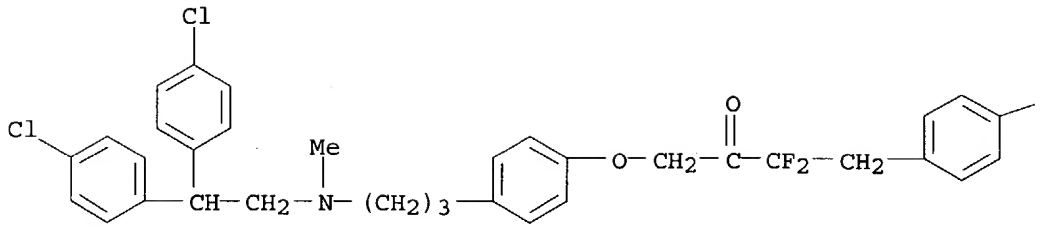

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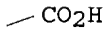

RN 405553-39-1 HCAPLUS
CN Benzoic acid, 4-[3-[[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]thio]-2-oxopropoxy]- (9CI) (CA INDEX NAME)

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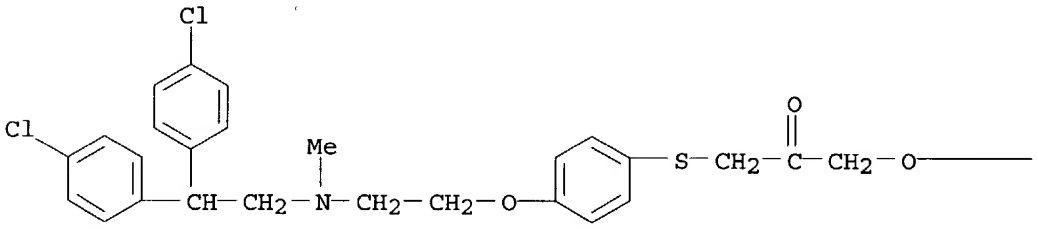

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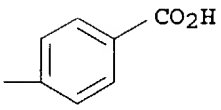
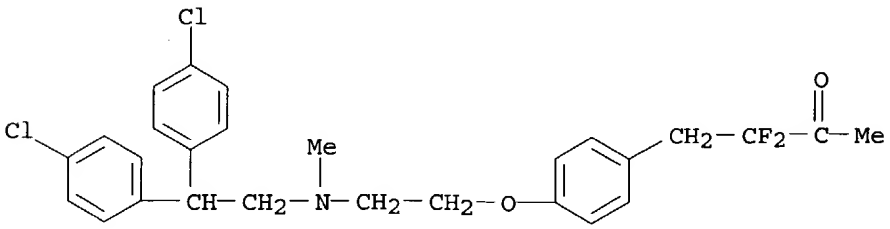
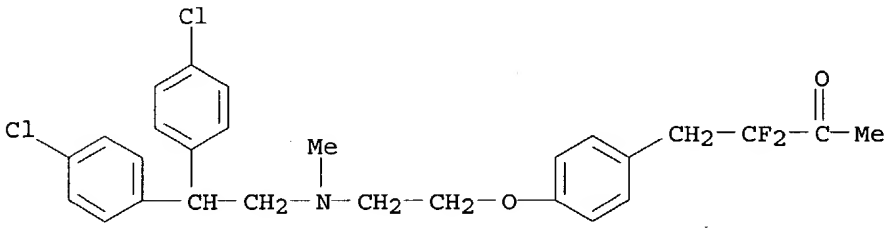


RN 405553-40-4 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro- (9CI) (CA INDEX NAME)

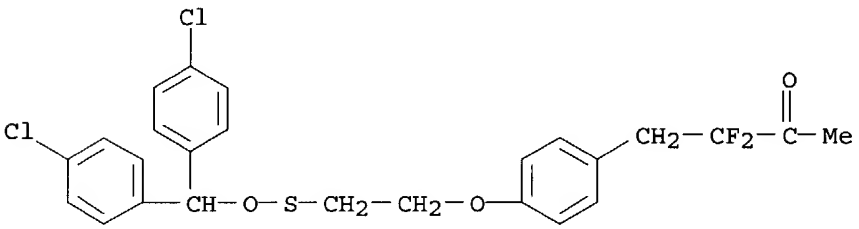


RN 405553-41-5 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]ethoxy]phenyl]-3,3-difluoro-, hydrochloride (9CI) (CA INDEX NAME)



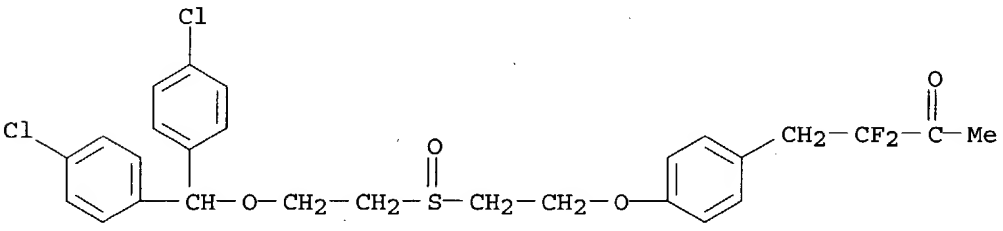
● HCl

RN 405553-42-6 HCAPLUS
CN Ethanesulfenic acid, 2-[4-(2,2-difluoro-3-oxobutyl)phenoxy]-, bis(4-chlorophenyl)methyl ester, compd. with hydrochloric acid (9CI) (CA INDEX NAME)

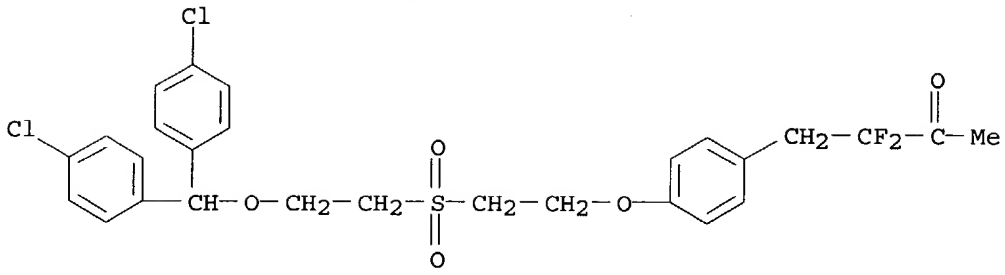


● HCl

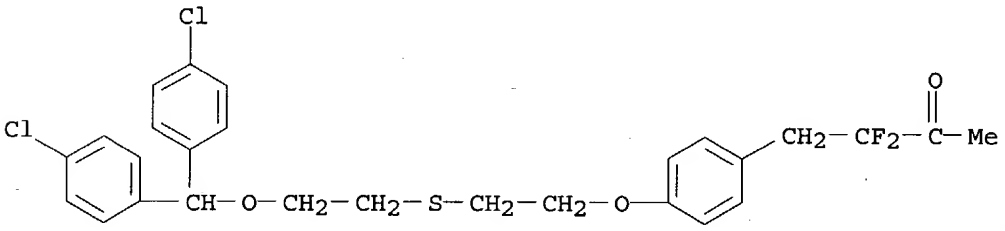
RN 405553-43-7 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2-[bis(4-chlorophenyl)methoxy]ethyl]sulfinyl]ethoxy]phenyl]-3,3-difluoro- (9CI) (CA INDEX NAME)



RN 405553-44-8 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2-[bis(4-chlorophenyl)methoxy]ethyl]sulfonyl]ethoxy]phenyl]-3,3-difluoro- (9CI) (CA INDEX NAME)

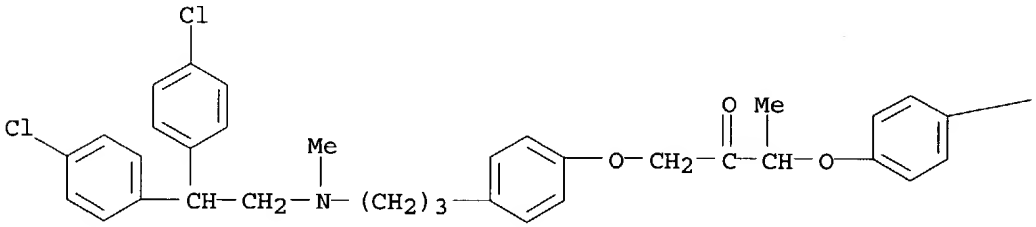


RN 405553-45-9 HCAPLUS
CN 2-Butanone, 4-[4-[2-[[2-[bis(4-chlorophenyl)methoxy]ethyl]thio]ethoxy]phenyl]-3,3-difluoro- (9CI) (CA INDEX NAME)



RN 405554-14-5 HCAPLUS
CN Benzoic acid, 4-[3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-1-methyl-2-oxopropoxy]-, hydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



● HCl

PAGE 1-B

—CO_2H

=> => d bib abs hitstr retable

L111 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:151555 HCAPLUS

DN 136:200011
TI Preparation of O-substituted 4-(4-hydroxyphenyl)-1,1,1-trifluoro-2-butanones as selective cPLA2 inhibitors
IN **Banville, Jacques**; Gai, Yonghua; Johnson, Graham; Zusi, Fred Christopher; Burke, James R.
PA Bristol-Myers Squibb Company, USA
SO U.S., 112 pp., Cont.-in-part of U.S. 6,255,496.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

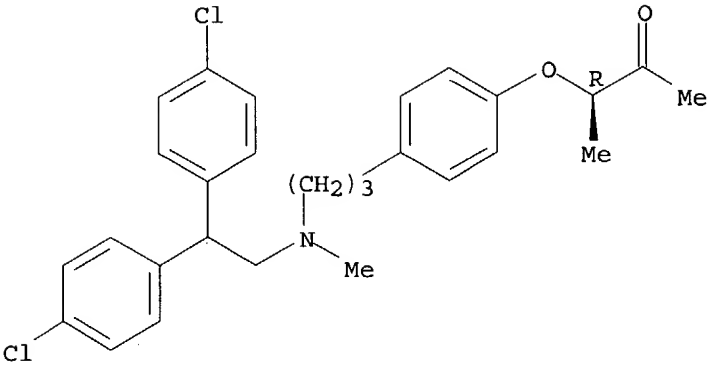
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6350892	B1	20020226	US 2000-507782	20000218
	ZA 9808687	A	20000323	ZA 1998-8687	19980922
	US 6255496	B1	20010703	US 1999-300111	19990427
PRAI	US 1997-59597P	P	19970923		
	US 1997-63518P	P	19971027		
	US 1998-151002	B1	19980910		
	US 1999-300111	A2	19990427		

OS MARPAT 136:200011
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

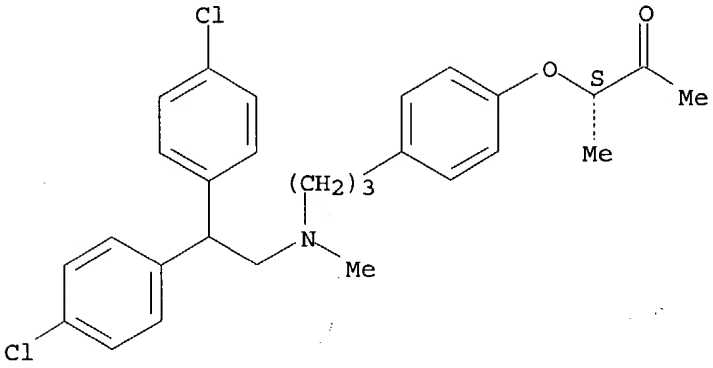
AB Title compds. I [R5 = alk(en/yn)yl, alkoxy, alkylthio, halo, hydroxy, etc.; p = 0-2; V1 = O, S0-2, NHC:O, C:ONH; R3-4 = H, Me; R1-2 = when taken together form an oxo group or R1-2 = H, OH; Y1 = O, S0-2, aza, etc.] were prepared E.g., 4-(3-hydroxypropyl)phenol was converted to Me [4-(3-methanesulfonyloxypropyl)phenoxy]acetate in 4 steps. This intermediate was reacted with N-methyl-2,2-[di(4-chlorophenyl)]ethylamine (CH_3CN, NaI, 80°C, 18 h) to give the corresponding tertiary amine. The amine was treated with trifluoromethyltrimethylsilane (PhMe, -55°C) to give isolated acetal II. Hydrolysis of II (THF, HClaq) provided the example compound trifluoromethylketone isolated as the hydrochloride. Compds. I, presented in examples, showed IC50 of 1-50 μM against cPLA2.
IT **400838-57-5P 400838-58-6P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug; preparation of O-substituted 4-(4-hydroxyphenyl)-1,1,1-trifluoro-2-butanones as selective cPLA2 inhibitors)
RN 400838-57-5 HCAPLUS
CN 2-Butanone, 3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 400838-58-6 HCAPLUS
CN 2-Butanone, 3-[4-[3-[[2,2-bis(4-chlorophenyl)ethyl]methylamino]propyl]phenoxy]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Anon	1997			JP 9268153	
Anon	1998			WO 9825893	HCAPLUS
Banville	2001			US 6255496 B1	HCAPLUS
Brickl	1980			US 4229479 A	HCAPLUS
Clemens	1995			US 5478857 A	HCAPLUS
Perrier	1995			US 5453443 A	HCAPLUS

=> => fil reg
FILE 'REGISTRY' ENTERED AT 17:30:24 ON 24 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 JUN 2004 HIGHEST RN 698346-19-9
DICTIONARY FILE UPDATES: 23 JUN 2004 HIGHEST RN 698346-19-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

```
=> => d sta que l76
L4          2733 SEA FILE=REGISTRY ABB=ON  PLU=ON  ?PHOSPHOLIPASE?/CNS
L5         29567 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L4
L6         41256 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ?PHOSPHOLIPASE?
L7          4312 SEA FILE=HCAPLUS ABB=ON  PLU=ON  PLA2
L8         42502 SEA FILE=HCAPLUS ABB=ON  PLU=ON  (L5 OR L6 OR L7)
L9         35483 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L8 AND (PD<=20000511 OR
                 PRD<=20000511 OR AD<=20000511)
L11         5000 SEA FILE=HCAPLUS RAN=(1998:711656,) ABB=ON  PLU=ON  L9 OR L9
L12         5000 SEA FILE=HCAPLUS RAN=(1996:496210,1998:711544) ABB=ON  PLU=ON
                 L9 OR L9
L13         5000 SEA FILE=HCAPLUS RAN=(1994:260855,1996:496207) ABB=ON  PLU=ON
                 L9 OR L9
L14         5000 SEA FILE=HCAPLUS RAN=(1991:512049,1994:260585) ABB=ON  PLU=ON
                 L9 OR L9
L15         5000 SEA FILE=HCAPLUS RAN=(1988:88253,1991:512032) ABB=ON  PLU=ON
                 L9 OR L9
L16         5000 SEA FILE=HCAPLUS RAN=(1981:456771,1988:88252) ABB=ON  PLU=ON
                 L9 OR L9
L17         5483 SEA FILE=HCAPLUS RAN=(,1981:456741) ABB=ON  PLU=ON  L9 OR L9
L18              SEL  PLU=ON  L17 1- RN :    3345 TERMS
L19         3343 SEA FILE=REGISTRY ABB=ON  PLU=ON  L18
L20              SEL  PLU=ON  L16 1- RN :    7429 TERMS
L21         7429 SEA FILE=REGISTRY ABB=ON  PLU=ON  L20
L22              SEL  PLU=ON  L15 1- RN :    8249 TERMS
L23         8249 SEA FILE=REGISTRY ABB=ON  PLU=ON  L22
L24              SEL  PLU=ON  L14 1- RN :    8522 TERMS
L25         8521 SEA FILE=REGISTRY ABB=ON  PLU=ON  L24
L26              SEL  PLU=ON  L13 1- RN :   16082 TERMS
L27        16081 SEA FILE=REGISTRY ABB=ON  PLU=ON  L26
L28              SEL  PLU=ON  L12 1- RN :   33965 TERMS
L29        33965 SEA FILE=REGISTRY ABB=ON  PLU=ON  L28
L30              SEL  PLU=ON  L11 1- RN :   52427 TERMS  (TERM LIMIT EXCEE
                 DED)
L31        52427 SEA FILE=REGISTRY ABB=ON  PLU=ON  L30
L32            1 SEA FILE=REGISTRY ABB=ON  PLU=ON  "PHOSPHOLIPASE A2"/CN
L33        13318 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L32
L34          105 SEA FILE=HCAPLUS ABB=ON  PLU=ON  PLA 2 OR PL A2
L35         1711 SEA FILE=HCAPLUS ABB=ON  PLU=ON  PHOSPHOLIPIN OR SUPERBIN OR
                 PHOSPHATIDOLIPASE OR PHOSPHATIDE ACYL HYDROLASE OR PHOSPHATIDAS
                 E OR NIGROXIN OR LECITHINASE OR LECITASE OR ACANTHOXIN OR
                 AGELOTOXIN OR AMMODYTOXIN OR CONODIPINE OR (EC OR "E C")(W)3 1
                 1 4
L36          581 SEA FILE=HCAPLUS ABB=ON  PLU=ON  (L33 OR L34 OR L35) NOT L8
L37              SEL  PLU=ON  L36 1- RN :     591 TERMS
L38          591 SEA FILE=REGISTRY ABB=ON  PLU=ON  L37
L39         7019 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L8 NOT (L9 OR L36)
L41         3500 SEA FILE=HCAPLUS RAN=(2002:851707,) ABB=ON  PLU=ON  L39 OR L39

L42         3519 SEA FILE=HCAPLUS RAN=(,2002:851704) ABB=ON  PLU=ON  L39 OR L39

L43              SEL  PLU=ON  L41 1- RN :   53660 TERMS  (TERM LIMIT EXCEE
                 DED)
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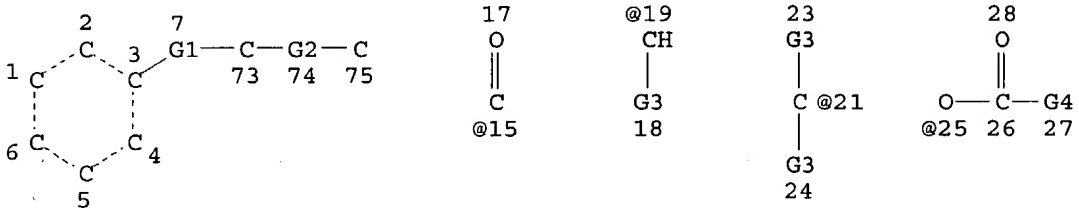
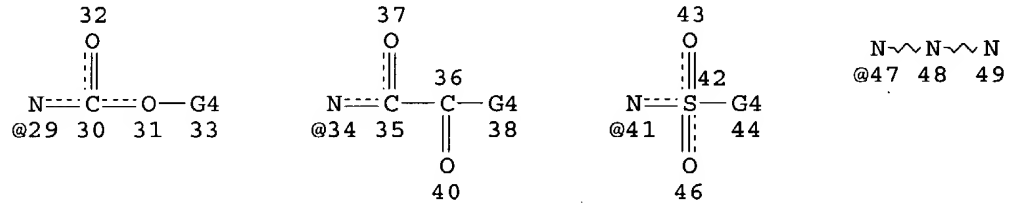
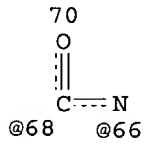
L44 53660 SEA FILE=REGISTRY ABB=ON PLU=ON L43
L45 SEL PLU=ON L42 1- RN : 51797 TERMS (TERM LIMIT EXCEE
DED)
L46 51797 SEA FILE=REGISTRY ABB=ON PLU=ON L45
L47 2500 SEA FILE=HCAPLUS RAN=(2000:32864,) ABB=ON PLU=ON L9 OR L9
L49 SEL PLU=ON L47 1- RN : 52427 TERMS (TERM LIMIT EXCEE
DED)
L50 52427 SEA FILE=REGISTRY ABB=ON PLU=ON L49
L63 212172 SEA FILE=REGISTRY ABB=ON PLU=ON (L19 OR L21 OR L23 OR L25 OR
L27 OR L29 OR L31 OR L38 OR L44 OR L46 OR L50)
L65 STR



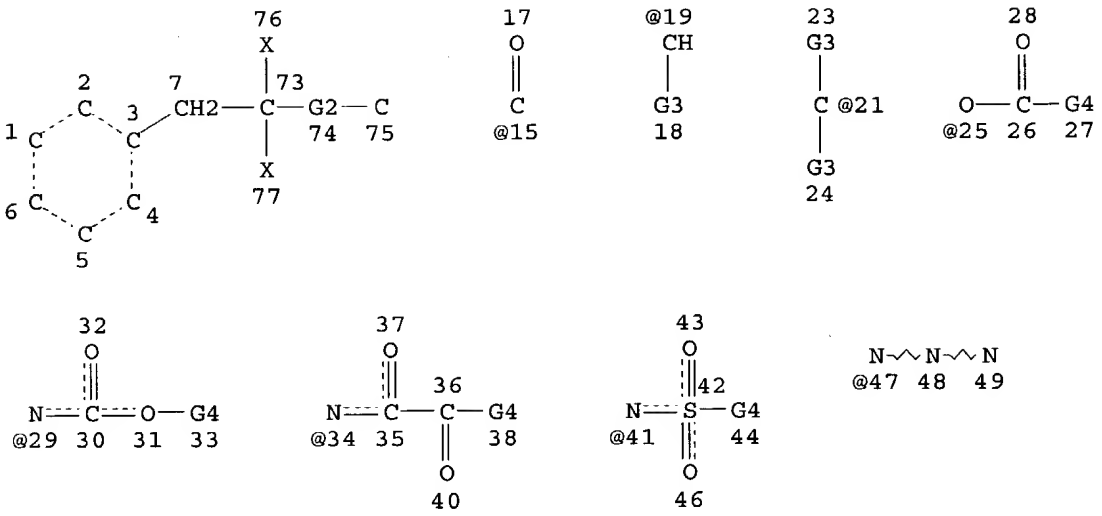




VAR G1=CH2/O/S/N/68-3 66-73
VAR G2=15/CH2/19/21
VAR G3=OH/25/NH2/47/29/34/41/X
VAR G4=AK/CB
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 1
NUMBER OF NODES IS 43

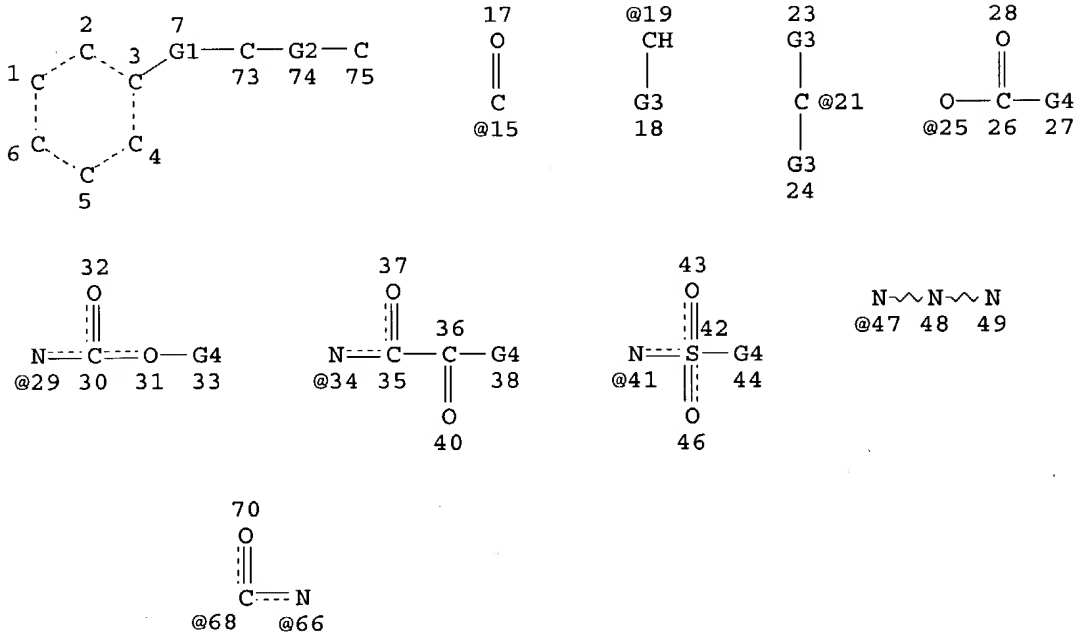
STEREO ATTRIBUTES: NONE
L66 3931 SEA FILE=REGISTRY SUB=L63 SSS FUL L65
L67 STR



VAR G2=15/CH2/19/21
VAR G3=OH/25/NH2/47/29/34/41/X
VAR G4=AK/CB
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 1
NUMBER OF NODES IS 42

STEREO ATTRIBUTES: NONE
L69 15 SEA FILE=REGISTRY SUB=L66 SSS FUL L67
L70 STR

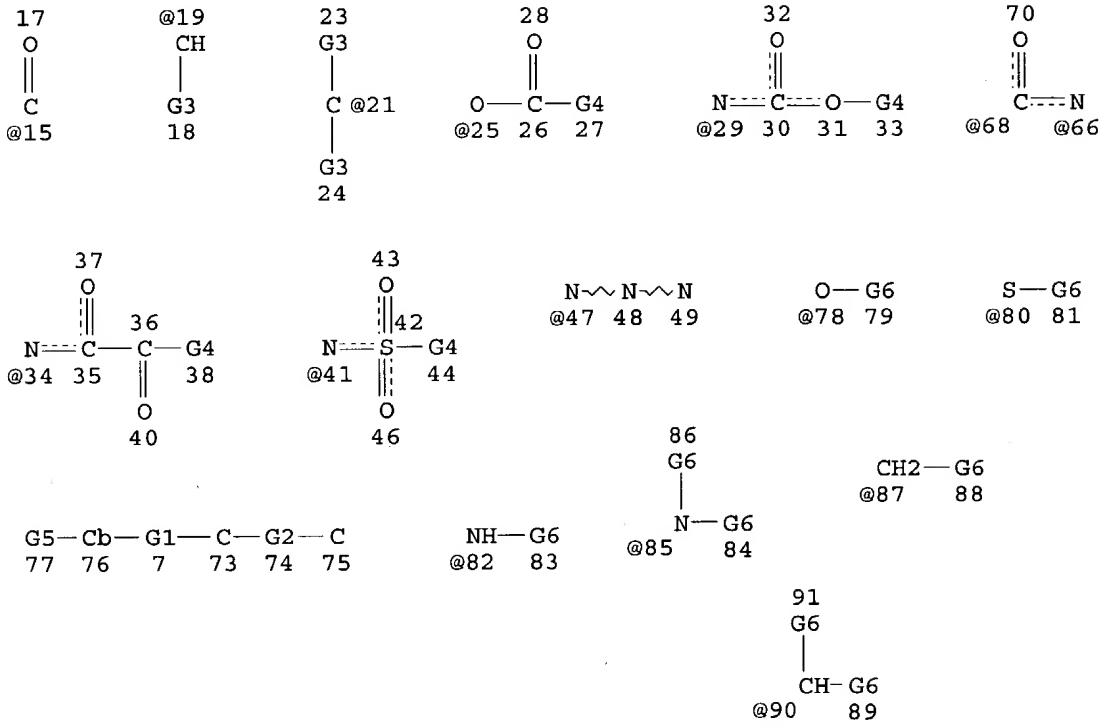


VAR G1=O/S/N/68-3 66-73
VAR G2=15/CH2/19/21
VAR G3=OH/25/NH2/47/29/34/41/X

VAR G4=AK/CB
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 1
NUMBER OF NODES IS 43

STEREO ATTRIBUTES: NONE
L72 2348 SEA FILE=REGISTRY SUB=L66 SSS FUL L70
L73 STR



VAR G1=CH2/O/S/N/68-76 66-73
VAR G2=15/CH2/19/21
VAR G3=OH/25/NH2/47/29/34/41/X
VAR G4=AK/CB
VAR G5=78/80/82/85/87/90
VAR G6=AK/CB
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
GGCAT IS MCY UNS AT 76
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 53

STEREO ATTRIBUTES: NONE
L74 2356 SEA FILE=REGISTRY ABB=ON PLU=ON (L69 OR L72)
L76 1498 SEA FILE=REGISTRY SUB=L74 SSS FUL L73

100.0% PROCESSED 2356 ITERATIONS 1498 ANSWERS
SEARCH TIME: 00.00.01

```
=> d his

     (FILE 'HOME' ENTERED AT 13:40:19 ON 24 JUN 2004)
               SET COST OFF

     FILE 'REGISTRY' ENTERED AT 13:40:32 ON 24 JUN 2004
L1             STR
L2             STR L1
L3           50 S L2
L4         2733 S ?PHOSPHOLIPASE?/CNS

     FILE 'HCAPLUS' ENTERED AT 13:53:24 ON 24 JUN 2004
L5         29567 S L4
L6         41256 S ?PHOSPHOLIPASE?
L7          4312 S PLA2
L8         42502 S L5-L7
L9         35483 S L8 AND (PD<=20000511 OR PRD<=20000511 OR AD<=20000511)
L10        35483 S L9 OR L9
L11         5000 S L10  RAN=(1998:711656,)
L12         5000 S L10  RAN=(1996:496210,1998:711544)
L13         5000 S L10  RAN=(1994:260855,1996:496207)
L14         5000 S L10  RAN=(1991:512049,1994:260585)
L15         5000 S L10  RAN=(1988:88253,1991:512032)
L16         5000 S L10  RAN=(1981:456771,1988:88252)
L17         5483 S L10  RAN=(,1981:456741)

     FILE 'REGISTRY' ENTERED AT 14:10:04 ON 24 JUN 2004

     FILE 'HCAPLUS' ENTERED AT 14:10:07 ON 24 JUN 2004
               SET SMARTSELECT ON
L18          SEL L17 1- RN :    3345 TERMS
               SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:12:29 ON 24 JUN 2004
L19         3343 S L18
               SET SMARTSELECT ON
               SET SMARTSELECT OFF

     FILE 'HCAPLUS' ENTERED AT 14:14:44 ON 24 JUN 2004
               SET SMARTSELECT ON
L20          SEL L16 1- RN :    7429 TERMS
               SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:16:49 ON 24 JUN 2004
L21         7429 S L20

     FILE 'HCAPLUS' ENTERED AT 14:17:14 ON 24 JUN 2004
               SET SMARTSELECT ON
L22          SEL L15 1- RN :    8249 TERMS
               SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:19:11 ON 24 JUN 2004
L23         8249 S L22

     FILE 'HCAPLUS' ENTERED AT 14:19:36 ON 24 JUN 2004
               SET SMARTSELECT ON
L24          SEL L14 1- RN :    8522 TERMS
               SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:21:33 ON 24 JUN 2004
L25         8521 S L24
```

```
     FILE 'HCAPLUS' ENTERED AT 14:22:07 ON 24 JUN 2004
                SET SMARTSELECT ON
L26          SEL L13 1- RN :   16082 TERMS
                SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:24:18 ON 24 JUN 2004
L27         16081 S L26

     FILE 'HCAPLUS' ENTERED AT 14:25:14 ON 24 JUN 2004
                SET SMARTSELECT ON
L28          SEL L12 1- RN :   33965 TERMS
                SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:27:32 ON 24 JUN 2004
L29         33965 S L28

     FILE 'HCAPLUS' ENTERED AT 14:29:15 ON 24 JUN 2004
                SET SMARTSELECT ON
L30          SEL L11 1- RN :   52427 TERMS
                SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:29:44 ON 24 JUN 2004
L31         52427 S L30
                E PHOSPHOLIPASE A2/CN
L32             1 S E3

     FILE 'HCAPLUS' ENTERED AT 14:33:49 ON 24 JUN 2004
L33         13318 S L32
L34           105 S PLA 2 OR PL A2
L35          1711 S PHOSPHOLIPIN OR SUPERBIN OR PHOSPHATIDOLIPASE OR PHOSPHATIDE
L36           581 S L33-L35 NOT L8

     FILE 'REGISTRY' ENTERED AT 14:37:12 ON 24 JUN 2004

     FILE 'HCAPLUS' ENTERED AT 14:37:12 ON 24 JUN 2004
                SET SMARTSELECT ON
L37          SEL L36 1- RN :     591 TERMS
                SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:37:30 ON 24 JUN 2004
L38           591 S L37

     FILE 'HCAPLUS' ENTERED AT 14:39:07 ON 24 JUN 2004
L39          7019 S L8 NOT L9,L36
L40          7019 S L39 OR L39
L41          3500 S L40  RAN=(2002:851707,)
L42          3519 S L40  RAN=(,2002:851704)

     FILE 'REGISTRY' ENTERED AT 14:40:20 ON 24 JUN 2004

     FILE 'HCAPLUS' ENTERED AT 14:40:20 ON 24 JUN 2004
                SET SMARTSELECT ON
L43          SEL L41 1- RN :   53660 TERMS
                SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:41:05 ON 24 JUN 2004
L44         53660 S L43

     FILE 'HCAPLUS' ENTERED AT 14:44:11 ON 24 JUN 2004
                SET SMARTSELECT ON
L45          SEL L42 1- RN :   51797 TERMS
                SET SMARTSELECT OFF
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```
     FILE 'REGISTRY' ENTERED AT 14:44:40 ON 24 JUN 2004
L46       51797 S L45

     FILE 'HCAPLUS' ENTERED AT 14:47:16 ON 24 JUN 2004
L47        2500 S L10  RAN=(2000:32864,)
L48        2500 S L10  RAN=(1998:711656,2000:32387)

     FILE 'REGISTRY' ENTERED AT 14:48:02 ON 24 JUN 2004

     FILE 'HCAPLUS' ENTERED AT 14:48:02 ON 24 JUN 2004
               SET SMARTSELECT ON
L49          SEL L47 1- RN :   52427 TERMS
               SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:48:26 ON 24 JUN 2004
L50       52427 S L49

     FILE 'HCAPLUS' ENTERED AT 14:51:33 ON 24 JUN 2004
L51       43083 S L8,L33-L35
L52           1 S US20020037875/PN OR US2000-203741#/AP,PRN
                E BANVILLE J/AU
L53          32 S E3,E4
                E REMILLARD R/AU
L54          55 S E3-E5,E8
                E BALASUBRAMANIAN N/AU
L55         235 S E3-E7,E15,E16
                E BOUTHILLIER G/AU
L56           6 S E4
                E MARTEL A/AU
L57         124 S E3-E15
L58         431 S L52-L57
L59         105 S L51 AND BENZEN?/SC,SX
L60         531 S L58,L59

     FILE 'REGISTRY' ENTERED AT 14:54:09 ON 24 JUN 2004

     FILE 'HCAPLUS' ENTERED AT 14:54:09 ON 24 JUN 2004
               SET SMARTSELECT ON
L61          SEL L60 1- RN :   14545 TERMS
               SET SMARTSELECT OFF

     FILE 'REGISTRY' ENTERED AT 14:54:31 ON 24 JUN 2004
L62       14545 S L61
L63      212172 S L19,L21,L23,L25,L27,L29,L31,L38,L44,L46,L50
L64          50 S L2 SAM SUB=L63
L65             STR L2
L66        3931 S L65 FUL SUB=L63
               SAV L66 KUMAR848/A
L67             STR L65
L68           1 S L67 SAM SUB=L66
L69          15 S L67 FUL SUB=L66
                SAV L69 KUMAR848A/A
L70             STR L65
L71          50 S L70 SAM SUB=L66
L72        2348 S L70 FUL SUB=L66
               SAV L72 KUMAR848B/A
L73             STR L65
L74        2356 S L69,L72
L75          50 S L73 SAM SUB=L74
L76        1498 S L73 FUL SUB=L74
               SAV L76 KUMAR848C/A
L77             STR L65
L78           4 S L77 SAM SUB=L75
```

```
L79           4 S L77 FUL SUB=L75

     FILE 'HCAPLUS' ENTERED AT 15:08:50 ON 24 JUN 2004
L80       35012 S L76
L81           1 S L80 AND L52
L82           7 S L80 AND L53-L57
L83           7 S L81,L82
L84           5 S L83 AND L51
L85         178 S L80 AND L51
L86         161 S L85 AND (PD<=20000511 OR PRD<=20000511 OR AD<=20000511)
L87          78 S L76 (L) (THU OR PAC OR PKT OR BAC OR DMA)/RL AND L86
L88          49 S L87 AND L33-L35
L89          23 S L87 AND ?PLA2?
L90          53 S L87 AND PHOSPHOLIPASE A2
L91          54 S L88-L90
                SEL RN L52

     FILE 'REGISTRY' ENTERED AT 15:51:56 ON 24 JUN 2004
L92         125 S E1-E125
L93          81 S L66 AND L92
L94          44 S L92 NOT L93
L95          37 S L94 AND 46.150.18/RID

     FILE 'HCAPLUS' ENTERED AT 17:16:26 ON 24 JUN 2004
L96           1 S L93

     FILE 'REGISTRY' ENTERED AT 17:16:33 ON 24 JUN 2004
L97           3 S L95 AND (C33H31CL2NO4 OR C40H45CL2NO6 OR C36H37CL2NO6)

     FILE 'HCAPLUS' ENTERED AT 17:20:26 ON 24 JUN 2004
L98           1 S L97
L99           1 S L96,L98
L100          1 S L99 AND L51-L58
L101         53 S L91 NOT L100
                SEL HIT RN

     FILE 'REGISTRY' ENTERED AT 17:22:01 ON 24 JUN 2004
L102        647 S E126-E772
L103        641 S L76 AND L102

     FILE 'HCAPLUS' ENTERED AT 17:24:31 ON 24 JUN 2004
L104          4 S L84 NOT L100
                SEL HIT RN

     FILE 'REGISTRY' ENTERED AT 17:25:27 ON 24 JUN 2004
L105         55 S E773-E827
L106         55 S L105 NOT L93
L107         55 S L106 NOT L69
L108          4 S L107 AND (C35H43CL2NO5 OR C28H31CL2NO2 OR C37H47CL2NO5)
L109          2 S L107 AND C28H31CL2NO2

     FILE 'HCAPLUS' ENTERED AT 17:29:22 ON 24 JUN 2004
L110          1 S L109
L111          1 S L110 AND L53-L57

     FILE 'REGISTRY' ENTERED AT 17:30:24 ON 24 JUN 2004

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